

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☒GAS  
WELL ☐

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Paiute Oil &amp; Mining Corporation

## 3. ADDRESS OF OPERATOR

1901 Prospector Square, Park City, Utah 84060

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)

At surface

1980' FEL 1980' FNL, Section 8, T9S, R17E, S.L.B. &amp; M.

At proposed prod. zone

C SW NE

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

15 Miles South of Myton, Utah

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

## 16. NO. OF ACRES IN LEASE

800

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

## 19. PROPOSED DEPTH

6000' on RVR

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300'

## 22. APPROX. DATE WORK WILL START\*

January 30, 1980

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	5 5/8"	36#	300'	250 Sacks
7 7/8"	4 1/2"	27#	6000'	400 Sacks

RECEIVED

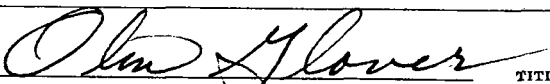
JAN 7 1980

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED



TITLE

Representative

DATE

Jan. 3, 1980

(This space for Federal or State office use)

PERMIT NO.

43-047-30669

APPROVAL DATE

January 9, 1980

APPROVED BY

TITLE

DATE

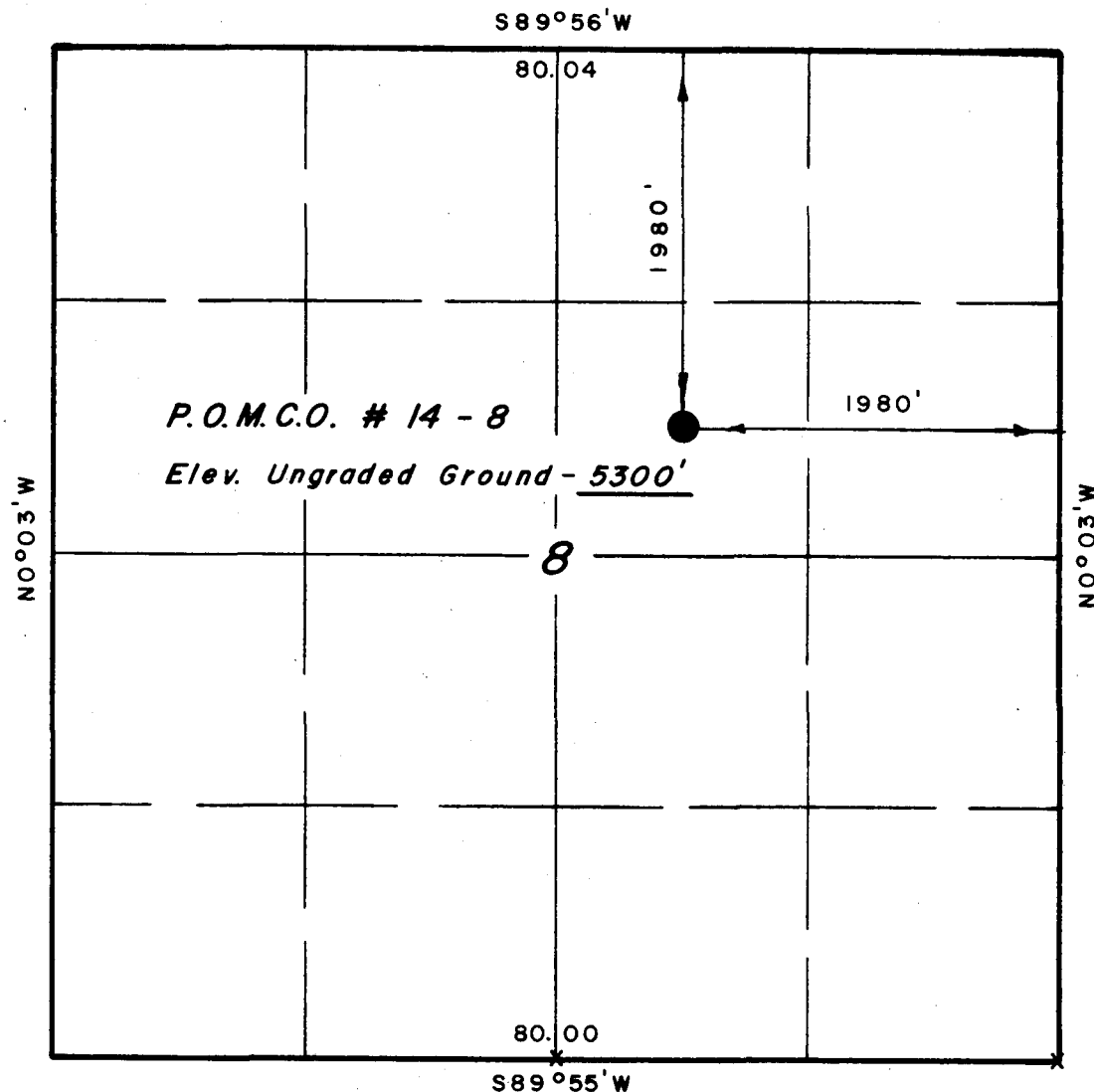
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

**T 9 S , R 17 E , S.L.B. & M**

PROJECT  
**PAIUTE OIL & MINING CORP.**

Well location, *P.O.M.C.O. #14-8*,  
located as shown in the SW1/4 NE1/4  
Section 8, T9S, R17E, S.L.B. & M.  
Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

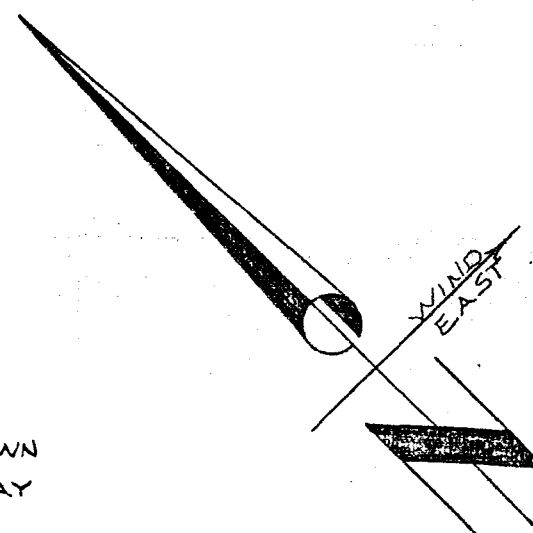
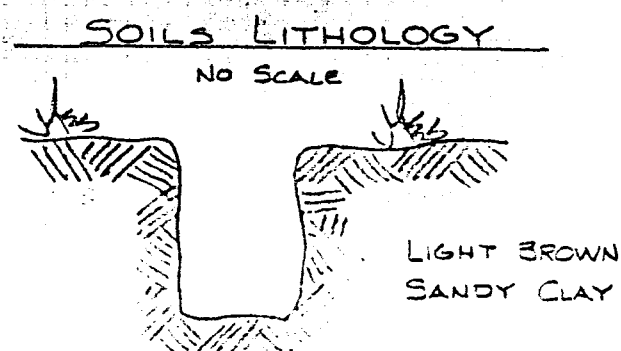
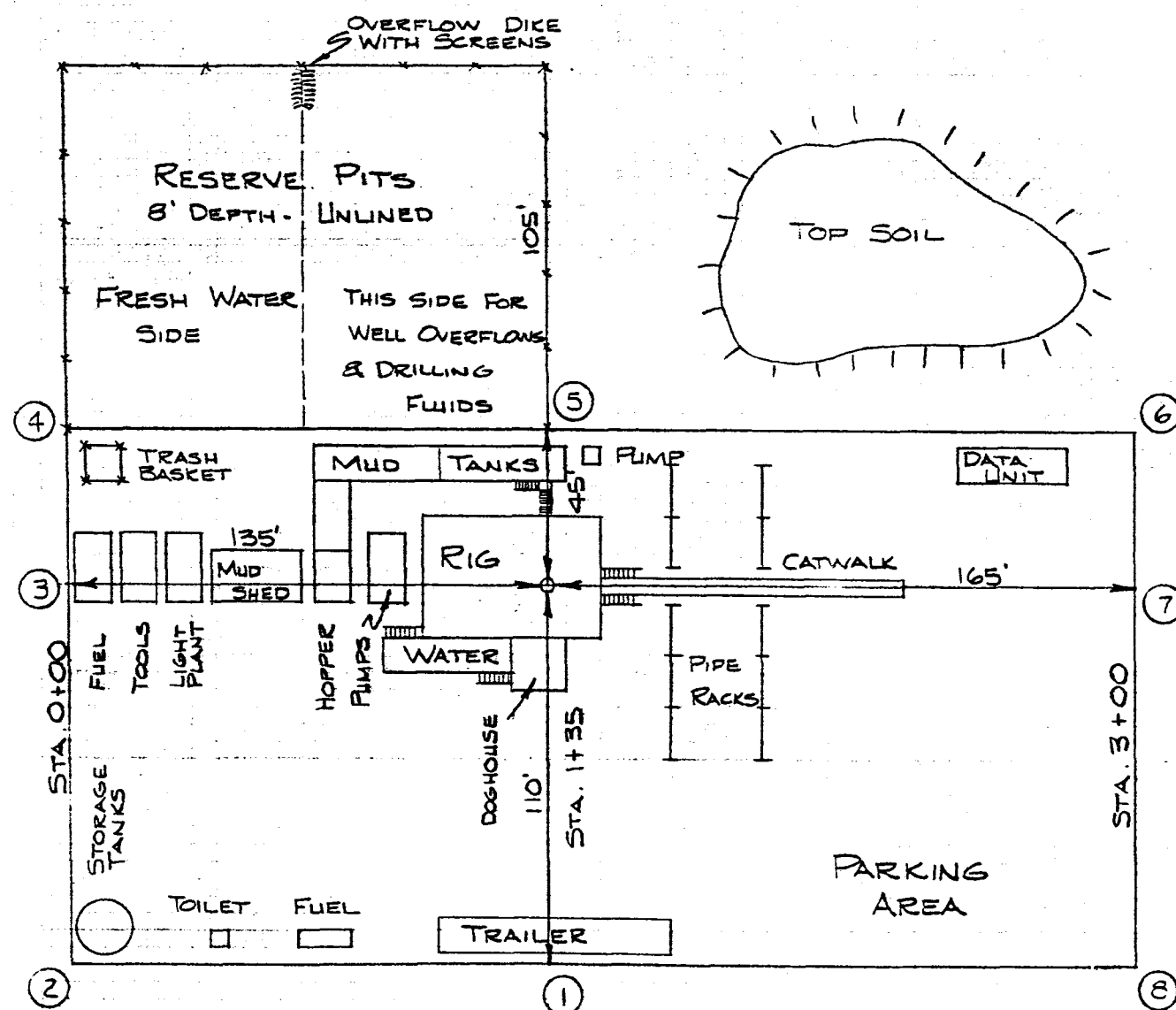
*[Signature]*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	1/4/80
PARTY	N.J.M. D.D. S.B.	REFERENCES	GLO Plat
WEATHER	Cloudy & Cold	FILE	P.O.M.C.O.

PAIUTE OIL & MINING CORP.  
P.O.M.C.O. #14-8



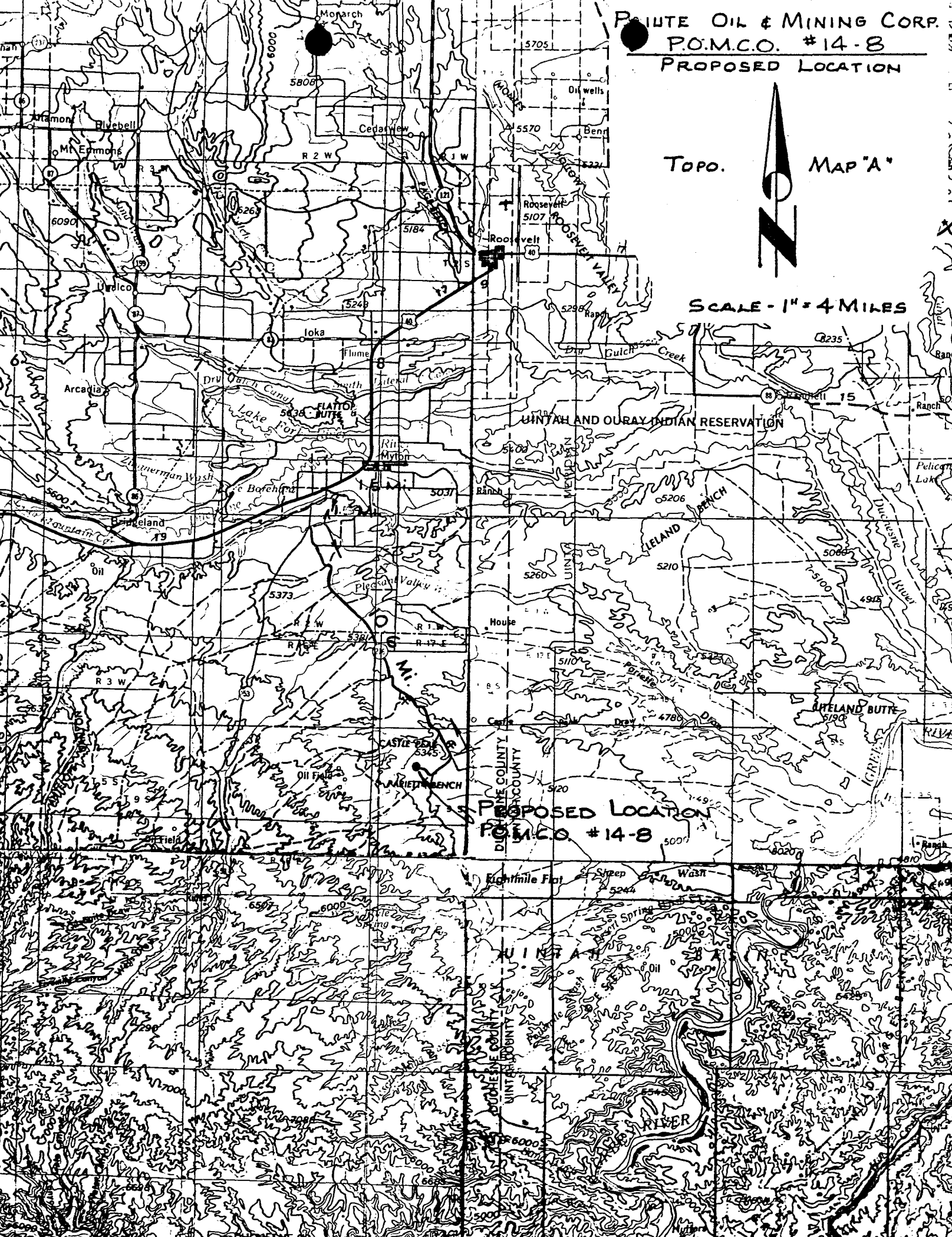
APPROX. YARDAGES

PAUTE OIL & MINING CORP.  
P.O.M.C.O. #14-8  
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 MILES





TOPO.

MAP "B"



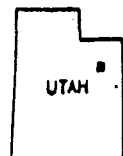
SCALE - 1" = 2000'

ROAD CLASSIFICATION

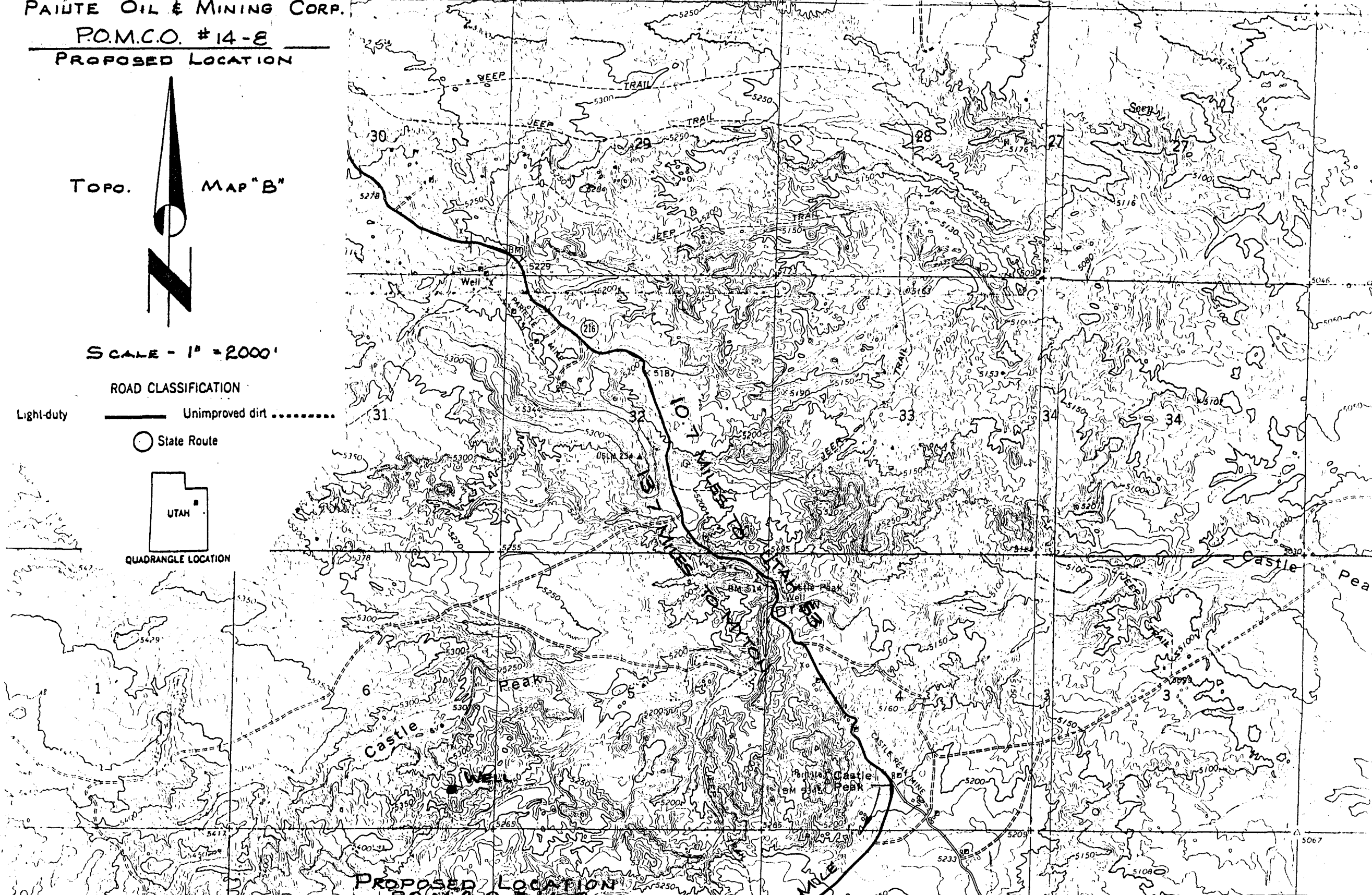
Light-duty

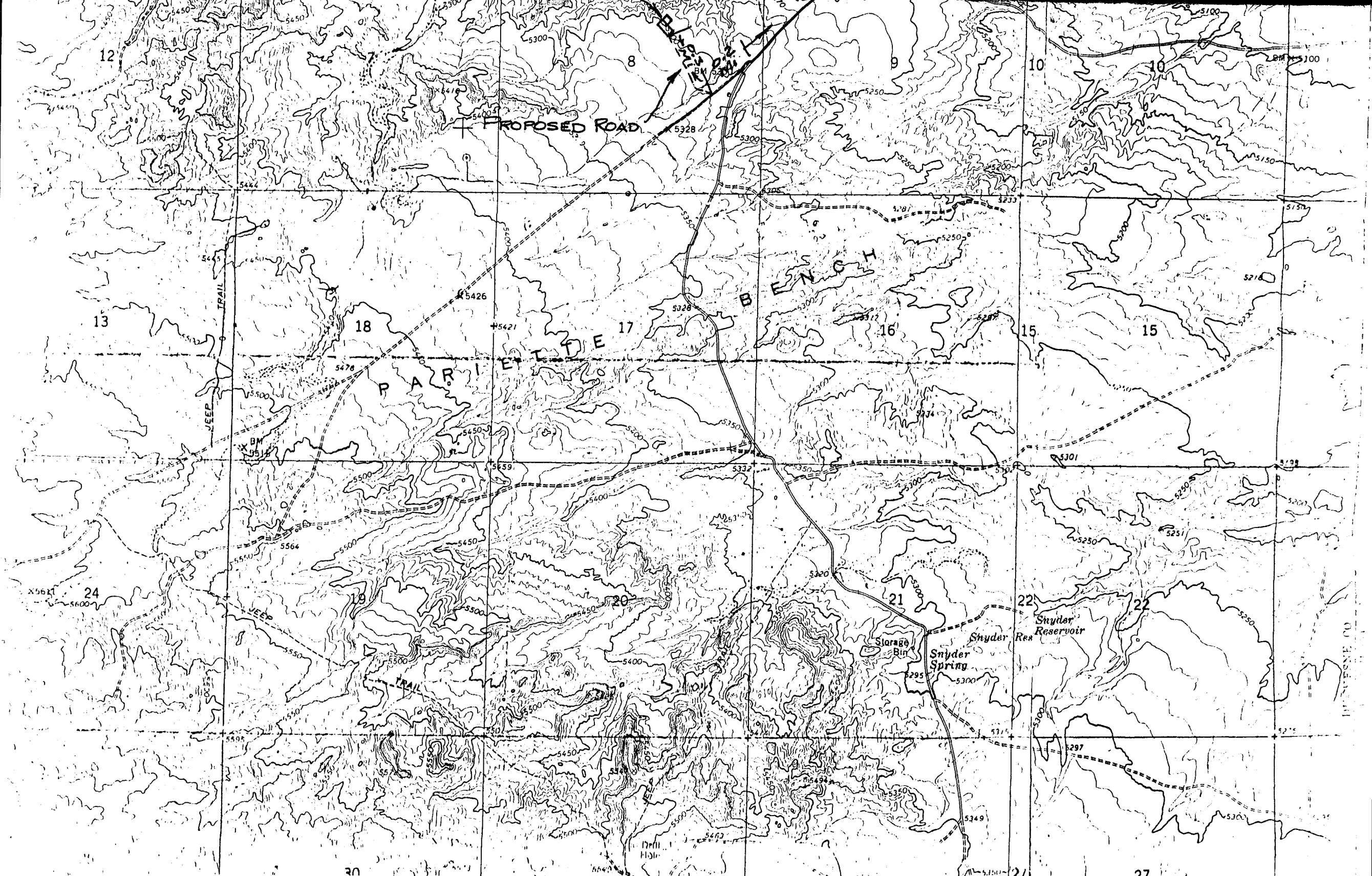
Unimproved dirt .....

State Route



QUADRANGLE LOCATION





1. Geological Name of Surface Formation

- (A) Uinta Formation of Eocene Age

2. Tops of Important Geological Markers

- (A) Evacuation Creek Member of Upper Green River (Approx. 2600 Ft.)
- (B) Douglas Creek Member of Basal Green River Formation (Approx. 5100 Ft.)

3. Estimated Depths of Anticipated Water, Oil or Gas

- (A) Gas anticipated at 2600 Ft. in Evacuation Creek Member (Water or Oil not anticipated)
- (B) Oil & Gas anticipated in Basal Green River Formation (Douglas Creek) at 5100' to 5600'

4. Proposed Casing Program

- (A) 300 Ft. of 9-5/8" surface casing A.P.I. 36 Lbs. per Ft. (J-33), 5100 Ft. of 4½" A.P.I. 27 Lbs. per Ft. (J-55). All pipe to be purchased as new.

5. Specifications For Pressure Control Equipment

- (A) 8 inch series 900 Double Hydraulic B.O.P. with Pipe Rams and Blind Rams
- (B) B.O.P. to be pressure tested before spudding and daily testing of closing units and rams while drilling.

6. Proposed Circulating Medium

- (A) Brine water is proposed to be used unless additional weight is needed to control pressures or heaving shale. In this event a chemical-gel fresh water mud will be used and Barite as needed to control pressure.

7. Auxiliary Equipment to be Used

- (A) Upper Kelly Cock
- (B) Float At Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. Testing, Logging and Coring Program

- (A) Drill Stem Test of Evacuation Creek and Douglas Creek
- (B) Will Run Gamma-Neutron, Caliper, and Density Logs (Density Log is Optional)

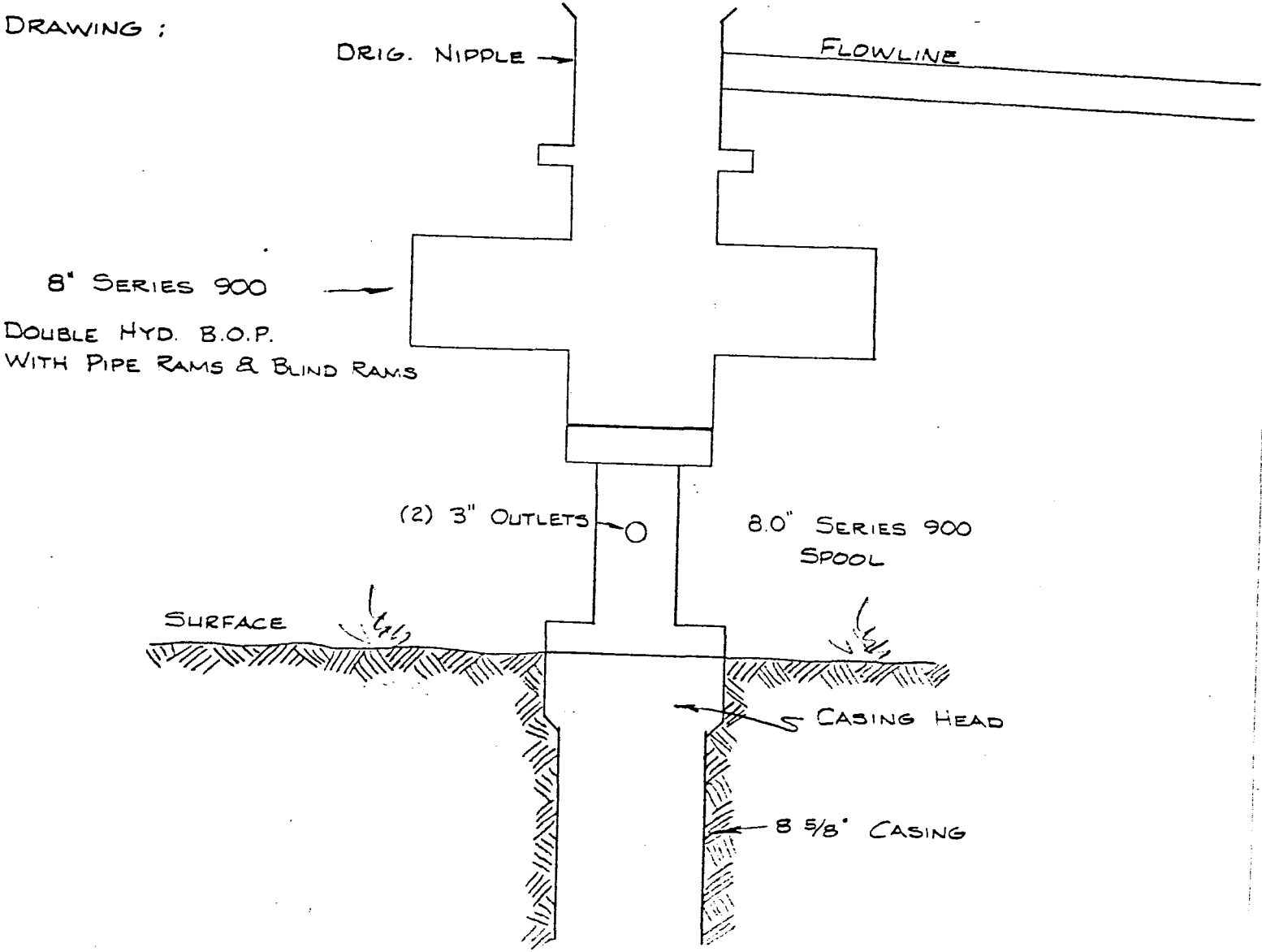
9. Anticipated Abnormal Pressures, Temperatures or Hazards

- (A) No abnormal pressures expected
- (B) No Hydrogen Sulfide Gas expected

10. Starting Date and Duration of Operations

- (A) Anticipated starting date *January 30, 1980* for P.O.M.C.O. #14-8
- (B) This well is anticipated to be drilled in approximately 30 days.

5 DRAWING :



PAIUTE OIL & MINING CORPORATION

13 Point Surface Use Plan

For

P.O.M.C.O. #14-8

Located In

Section 8, T9S, R17E, S.L.B. & M.

Duchesne County, Utah

PAIUTE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Paiute Oil & Mining Corporation well location, P.O.M.C.O. #14-8 located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$  Section 8, T9S, R17E, S.L.B. & M., Duchesne County, Utah; proceed Southwesterly out of Myton, Utah, along U.S. Highway 40 - 1.5 miles to the junction of this highway and Utah State Highway 53-216, to the South; proceed Southerly along this Highway 1.5 miles more or less, to the intersection of Utah State Highway 53 and Utah State Highway 216, thence proceed Southwesterly along Utah State Highway 53 - 10.6 miles to the junction of this road and an existing dirt oil field service road to the Southwest; proceed Southwesterly along this service road 1.0 miles to its junction with another road to the Southwest; proceed Southwesterly along this road 1000' to the point which the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Northwesterly direction.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads up to the intersection of Highway 53. The roads after this point are constructed out of existing native materials that are prevalent to the existing area, which range from clay to sandy-clay shale material.

There is no anticipated construction on any portion of the above described roads. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase, completion phase, and production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of the well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 8, T9S, R17E, S.L.B. & M., and proceeds in a Northwesterly direction for a distance of 1500' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meterological conditions that are prevalent to this area.

PAIUTE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

2. PLANNED ACCESS ROAD - Continued

Back slopes along the cut area of the road will be  $1\frac{1}{2}$  to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

There will be one culvert required along this access road. This culvert will be placed according to the specifications on page 23 figure 3 of the Oil & Gas Surface Operating Manual.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbitbrush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There are no known abandoned wells, water wells, disposal wells, drilling wells, shut-in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this location site.



PAIUTE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

3. LOCATION OF EXISTING WELLS - continued

There is one producing well within a one mile radius of this location site. It is located in the SE $\frac{1}{4}$  SE $\frac{1}{4}$  Section 6, T9S, R17E, S.L.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are no Paiute Oil & Mining Corporation tank batteries, production facilities, oil gathering lines, gas gathering lines, injection lines, or disposal lines within a one mile radius of this location site.

In the event that production is established, plans for a flowline from this location to existing lines in the area will be submitted to the proper authorities and the existing area of the location will be utilized for the establishment of the necessary production facilities.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.

If there is any deviation from the above, all appropriate agencies will be notified.

Rehabilitation of disturbed areas no longer needed for operations after construction is completed will meet the requirements of Item #10.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Duchesne River, at a point where Highway 40 crosses it North of Myton, Utah, approximately 15 miles to the Northeast of the proposed location site.

In the event that the above source is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

There will be no water well drilled at this location site.

PAITUE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R.17E, S.L.B. & M.

6. SOURCES OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. Non-flammable materials such as cuttings, salts, chemicals, etc., will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

A trash basket will be provided for flammable waste, this will be disposed of at the nearest sanitary landfill.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

PAIUTE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9) When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin that lies between the Book Cliff Mountains to the South and the Uintah Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial streams and flow to the Northeast and are tributaries to the Duchesne River.

The soils of the semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial, Sandstone, Mudstone) from the Eocene and Quaternary Epoch (gravel surfaces) and visible geologic structures consist of light brownish clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shale with outcrops of rock (sandstone, mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth. In the areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

PAITUE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

11. OTHER INFORMATION - Continued

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

P.O.M.C.O. #14-8 location site sits on a relatively flat area which is part of what is known as Pariette Bench. The Duchesne River is located approximately 8 miles to the North of the location.

The geologic structure of the location is of the Uinta Formation and consists of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the Southwest through the location to the North east at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Olin Glover  
Paiute Oil & Mining Corporation  
1901 Prospector Square  
P.O. Box 1329  
Park City, Utah 84060

Telephone: 801-649-8212

PAIUTE OIL & MINING CORPORATION  
P.O.M.C.O. #14-8  
Section 8, T9S, R17E, S.L.B. & M.

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Paiute Oil & Mining Corporation and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

Dec 31, 1979

Olin Glover  
Olin Glover

U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U 10760

OPERATOR: Painted Oil & Mining

WELL NO. 14-8

LOCATION:  $\frac{1}{2}$  SW  $\frac{1}{2}$  NE  $\frac{1}{2}$  sec. 8, T. 9S, R. 17E, SLM

Uintah County, Utah

1. Stratigraphy: Uinta Fm - surface  
Green River - 1250  
Mahogany zone - 2650  
Douglas Crk 4650  $\rightarrow$  TD 6000  
(Wasatch 6100)

operator tops  
poor

2. Fresh Water:

Possible fresh to usable water in Uinta Fm  
usable water possible in Green River to about 2000'

3. Leasable Minerals:

oil shale in Green River Fm; mahogany zone major  
oil shale horizon.

probable oil in Douglas Creek

4. Additional Logs Needed:

adequate

5. Potential Geologic Hazards:

~~none probable~~, Salts ( $\text{Na HCO}_3$ ) in approximately  
1600' to 2650'.

6. References and Remarks:

Signature: [Signature]

Date: 1 - 24 - 80

United States Department of the Interior  
Room 2000, Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No.. U-10760

Operator: Paiute O.M C.O.

Well No.: 14-8

Location: 1980' FEL & 1980 FNL      Sec.: 8      T.: 9S      R.: 17E

County: Duchesne      State: Utah      Field: Wildcat

Status: Surface Ownership: Public      Minerals: Federal

Joint Field Inspection Date: January\*21, 1980

Participants and Organizations:

Greg Darlington	USGS - Vernal, Utah
Gary Slagel	BLM - Vernal, Utah
✓ Gene Stewart	Paiute O.M.C.O.
Bert Greenhow	TWT Exploration
Rick Robbins	Robbins Construction

Related Environmental Analyses and References:

(1) Unit Resource Analysis, Duchesne Planning Unit, BLM, Vernal, Utah.

Analysis Prepared by: Greg Darlington  
Environmental Scientist  
Vernal, Utah

Date: January 21, 1980

lj

*Pad 155 x 300  
Pit 105 x 135  
4/10 mi x 18' new grass  
P. low tree not in  
Stockpile 2/10 ac  
2/10 ac  
Mitigation  
3) a)  
(change in score)*

Proposed Action:

On January 7, 1980, Paiute O.M.C.O. filed an Application for Permit to Drill the No. 14-8 exploratory well, a 6000 foot oil and gas test of the Upper and Basal Green River Formation, located at an elevation of 5300 feet in the SW/4 NE/4 Sec. 8, T9S, R17E on Federal mineral lands and Public surface, lease No.U-10760. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement has been reached with the Bureau of Land Management the controlling surface agency. Rehabilitation plans would be decided upon as well neared completion, the Surface Management Agency would be consulted for technical expertise on those arrangements.

The operator proposes to construct a drill pad 155 feet wide x 300 feet long and reserve a pit 105 feet x 135 feet. A new access road would be constructed 18 feet wide x .4 miles long from a maintained road. The operator proposes to construct production facilities on disturbed area of the proposed drill pad. If gas production is established, plans for a gas flow line would be submitted to the appropriate agencies for approval. The anticipated starting date is January 25 and duration of drilling activities would be about 30 days.

Location and Natural Setting:

The proposed drillsite is approximately 15 miles south of Myton, Utah, the nearest town. A fair road runs to within .4 miles of the location. This well is a wildcat well.

Topography:

The location itself is very flat. A drainage is located about 50 feet south of the reserve pit corners and a large drainage is located about 100 feet north of the pad. Several small hills and rock outcrops are located on the north side of the location.



The surface geology is the Uinta Formation of Eocene Age.

The soil is a sandy clay with mixed shale and sandstone gravels.

No geologic hazards are known near the drillsite.

Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Attached is the mining supervisor's report concerning a nearby well of similar type and depth in nearby Section 7 of the same township and range indicating the presence of oil shale resources.

No abnormal pressures or H<sub>2</sub>S hazards are anticipated.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formations to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U. S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

#### Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. Sagebrush, cactus and rabbitbrush are the predominant types of vegetation at the location.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access road per the recommendations of the Bureau of Land Management.

Approximately 2.3 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

#### Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases would not be anticipated. ✓

#### Precipitation:

Annual rain fall should range from about 8" to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

This location has drainage to the east through non-perennial streams to the Green River.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks and spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Vegetation at the location is primarily sagebrush, rabbitbrush, native grass and cactus.

Plants in the area are of the salt-desert-shrub types grading to the pinon-juniper association.

Proposed action would remove about 2.3 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominately of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types or reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An animal and plant inventory has been made by the BLM. No endangered plants or animals are known to inhabit the project area. Clearances have been granted to several nearby similar wells.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. The operator assured me this has been done recently prior to the onsite for this location. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations, activity would cease until the extent, the scientific importance, and the method of mitigation the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operations may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the area but would not present a major intrusion.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are becoming significant in Duchesne County.

But should this well discover a significant new hydrocarbon source, local, state and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

There are no national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

The proposed location is within the Duchesne Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

#### Waste Disposal:

The mud and reserve pits would contain all fluids used during the drilling operations. A trash cage would be utilized for any solid wastes generated at the site and would be hauled away at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

#### Alternative to the Proposed Action:

1). Not approving the proposed permit -- the oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under U.S.G.S. and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2). Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetation, animal or archaeological-historical-cultural

conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

3). Drilling should be allowed provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator.

a.) The access road to be built is about 2000 feet long rather than 1500 as stated in the APD.

Adverse Environmental Effects Which Cannot Be Avoided:

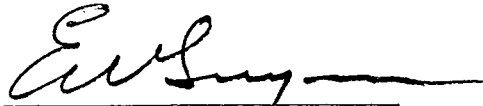
Surface disturbance and removal of vegetation from approximately 2.2 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in the Green River. The potential for pollution to the Green River would exist through leaks and spills.

Finding of No Significant Impact:

"We have considered the proposed Paiute O.M.C.O. oil and gas well #14-8 in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment."

Determination:

"I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of human environment in the sense of NEPA, 102 (2) (C).



District Engineer  
U. S. Geological Survey  
Conservation Division  
Oil and Gas Operations  
Salt Lake City District

Date

1/24/80



Well 14-8  
POMCO

1-21-1980  
North View

*White Oak Mining*  
*# 094-80*  
*7-95-17E*  
*Rockwell County*

*Section 7, T9S, R17E*

Memorandum

To: District Oil and Gas Engineer, Mr. Edward Guynn  
From: Mining, Supervisor, Mr. Jackson W. Moffitt  
Subject: Application for Permit to Drill (form 9-331c) Federal oil and  
gas lease No. U-3843 well No 10-7

1. The location appears potentially valuable for:

☐ strip mining\*  
☒ underground mining\*\* *oil shale*  
☐ has no known potential.

2. The proposed area is

☐ under a Federal lease for \_\_\_\_\_ under  
the jurisdiction of this office.  
☒ not under a Federal lease under the jurisdiction of  
this office.  
☒ Please request the operator to furnish resistivity,  
density, Gamma-Ray, or other appropriate electric  
logs covering all formations containing potentially  
valuable minerals subject to the Mineral Leasing Act  
of 1920.

\*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the  
lowest strip minable zone at \_\_\_\_\_ and cemented  
to surface. Upon abandonment, a 300-foot cement plug should  
be set immediately below the base of the minable zone.

\*\*If location has underground mining potential:

The minable zones should be isolated with cement from a point  
100 feet below the formation to 100 feet above the formation.  
Water-bearing horizons should be cemented in like manner.  
Except for salines or water-bearing horizons with potential  
for mixing aquifers, a depth of 4,000 feet has been deemed  
the lowest limit for cementing.

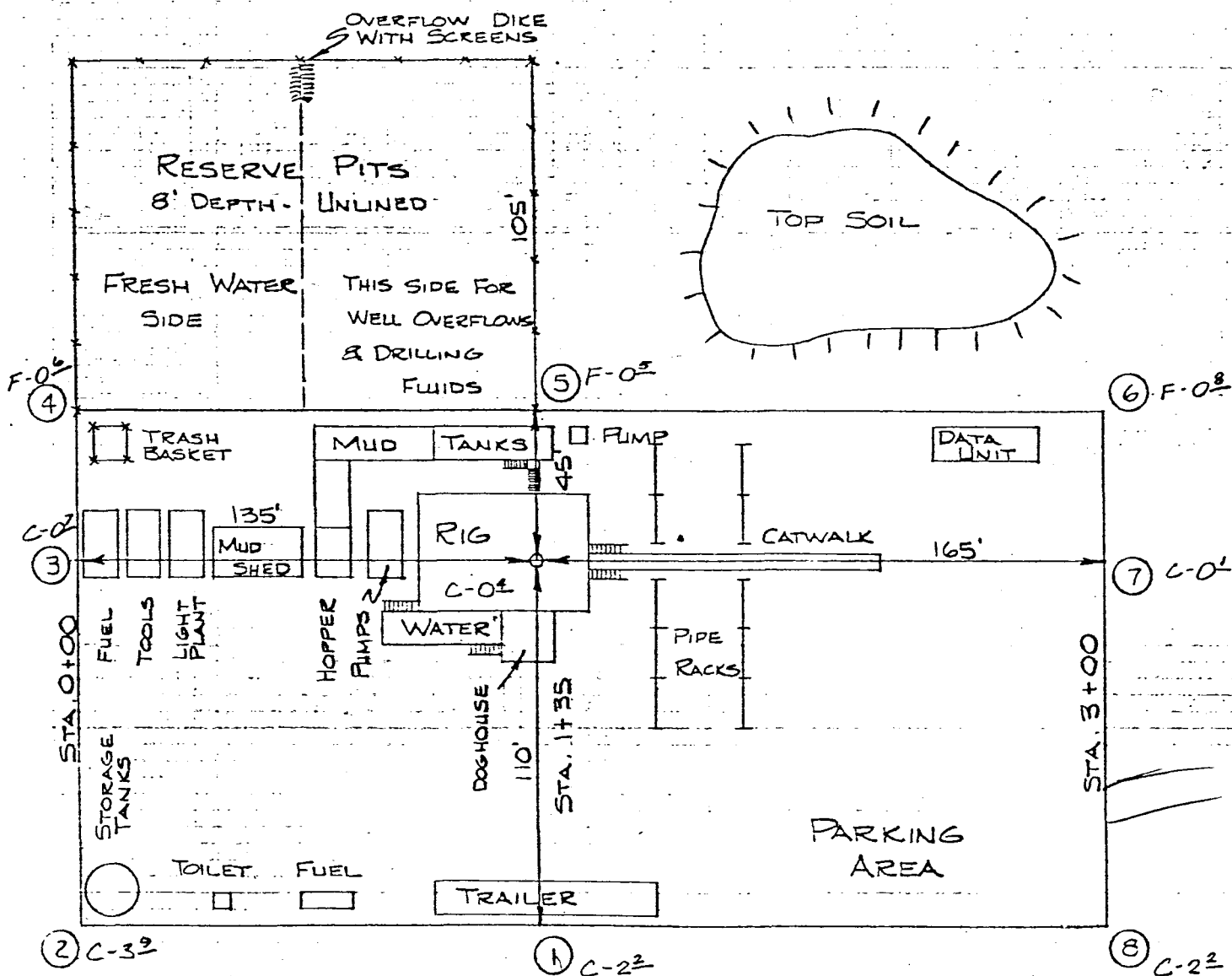
Signed

*Allen L. Vance*



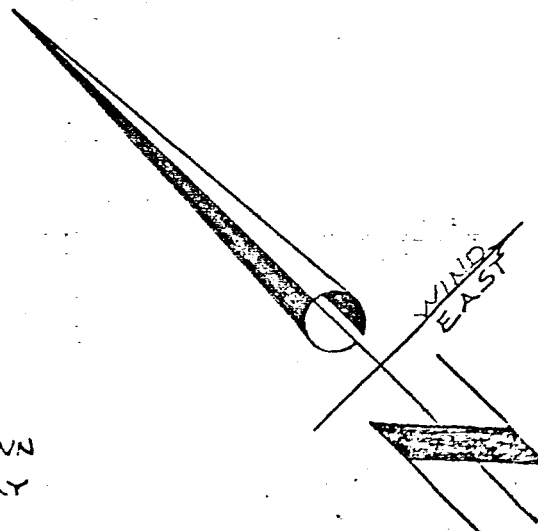
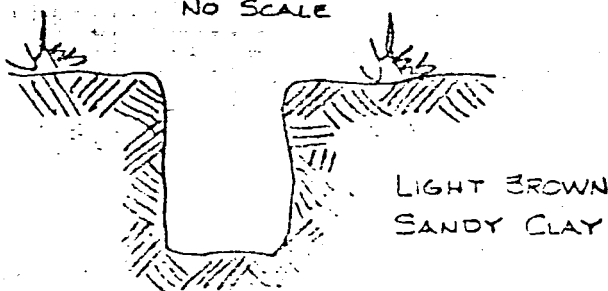
100 ft from a drainage

50 feet from a drainage



### SOILS LITHOLOGY

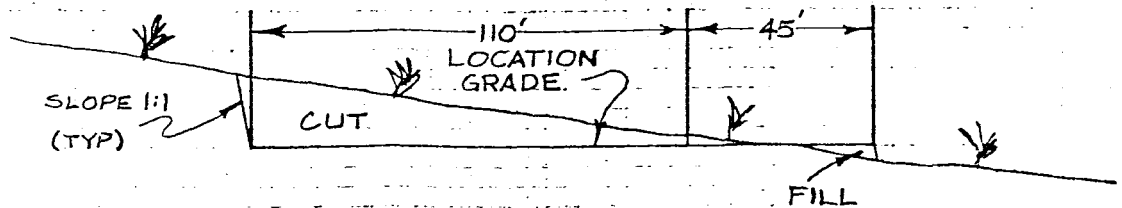
NO SCALE



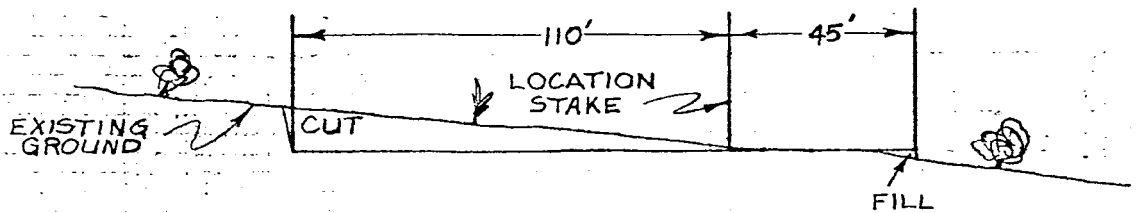
# PAIUTE OIL & MINING CORP.

P.O.M.C.O. #14-8

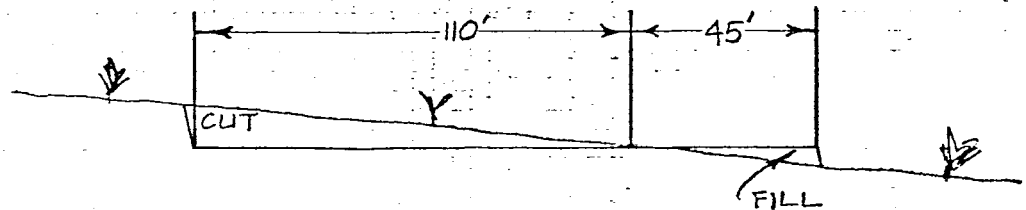
STA. 0+00



STA 1+35



STA 3+00



1" = 10'  
1" = 50'

APPROX. YARDAGES

CUT - 1900 CU. YDS.

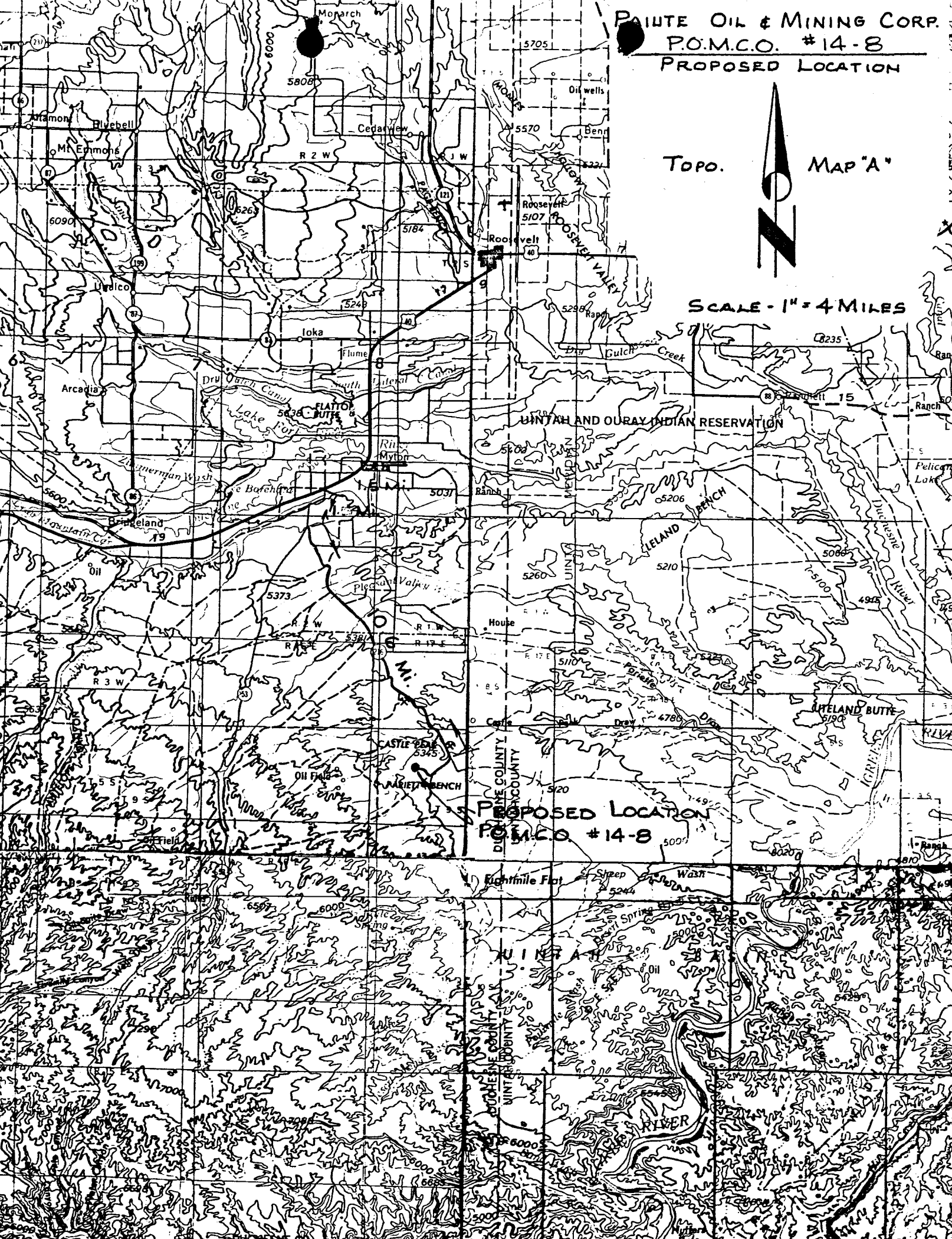
FILL - 96 CU. YDS.

PAIUTE OIL & MINING CORP.  
P.O.M.C.O. #14-8  
PROPOSED LOCATION

TOPO.

MAP "A"

SCALE - 1" = 4 MILES



**\*\* FILE NOTATIONS \*\***

DATE: January 9, 1980  
OPERATOR: Painte Oil & Mining Corporation  
WELL No. POMCO #148  
LOCATION: SEC. 8 T. 9S R. 17E COUNTY Duchesne ~~Utah~~

FILE PREPARED: ✓  
CARD INDEXED: ✓

ENTERED ON NID: ✓  
COMPLETION SHEET: ✓

API NUMBER: 43-~~047~~-30669 <sup>013-30542</sup>

CHECKED BY:

GEOLOGICAL ENGINEER: M. J. Minder 1-9-80

PETROLEUM ENGINEER: \_\_\_\_\_

DIRECTOR: \_\_\_\_\_

APPROVAL LETTER:

BOND REQUIRED: \_\_\_\_\_

SURVEY PLAT REQUIRED: \_\_\_\_\_

ORDER No. \_\_\_\_\_

O.K. RULE C-3 ✓

RULE C-3(c), TOPOGRAPHIC EXCEPTION/COMPANY OWNS OR CONTROLS ACREAGE  
WITHIN A 660' RADIUS OF PROPOSED SITE \_\_\_\_\_

LEASE DESIGNATION fed

PLOTTED ON MAP ✓

APPROVAL LETTER WRITTEN ✓

lcm

#1  
hl  
PI

January 16, 1980

Paiute Oil and Mining Corporation  
1901 Prospector Square  
Park City, Utah 84060

Re: ~~Well No.~~ POMCO #14-8, Sec. 8, T. 9S, R. 17E., Uintah County, Utah  
Well No. POMCO #15-24, Sec. 24, T. 9S, R. 17E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil wells is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER  
Geological Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are #14-8 - 43-047-30669;  
#15-24 - 43-047-30670.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Geological Engineer

/b:tm

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

DUPLICATE

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U10760 ✓	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Paiute Oil & Mining Corporation			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, Utah 84060			8. FARM OR LEASE NAME P.O.M.C.O.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1980' FEL 1980' FNL, Section 8, T9S, R17E, S.L.B. & M. At proposed prod. zone			9. WELL NO. # 14-8	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 Miles South of Myton, Utah			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			16. NO. OF ACRES IN LEASE 800	17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			19. PROPOSED DEPTH 6000'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5300'			22. APPROX. DATE WORK WILL START* January 30, 1980	
23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	5 5/8"	36#	300'	250 Sacks
7 7/8"	4 1/2"	27#	6000'	400 Sacks

RECEIVED

JAN 28 1980

DIVISION OF  
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Oliver Glover TITLE Representative DATE Jan. 3, 1980  
(This space for Federal or State office use)PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY W.D. Mouton TITLE ACTING DISTRICT ENGINEER DATE JAN 25 1980  
CONDITIONS OF APPROVAL, IF ANY:CONDITIONS OF APPROVAL ATTACHED  
TO OPERATOR'S COPY

APPROVAL

\*See Instructions On Reverse Side

GAS IS SUBJECT TO NTL 4-A  
DATED 1/1/80

Ut. State - O&amp;G

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Paiute Oil and Mining Company

WELL NAME: POMCO #140-8

SECTION 8 SW NE TOWNSHIP 9S RANGE 17E COUNTY Uintah

DRILLING CONTRACTOR Paiute Oil and Mining Co.

RIG # 6

SPUDDED: DATE 1/28/80

TIME 10:15 a.m.

HOW rotary

DRILLING WILL COMMENCE ASAP

REPORTED BY Connie King

TELEPHONE # 649-8212

DATE January 31, 1980

SIGNED M. Kinder

cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76  
OMB 42-R0356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-10760

Communitization Agreement No.

Field Name Monument Butte

Unit Name

Participating Area

County Uintah

State Utah

Operator Paiute Oil & Mining Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of  
January, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#14-8	8	9S	17E	Drlg.	None	None	None		Spud 1/28/80

RECEIVED

FEB 11 1980

DIVISION OF  
OIL, GAS & MINING

\*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate  
(BBLs)

Gas  
(MCF)

Water  
(BBLs)

\*On hand, Start of Month

\*Produced

\*Sold

\*Spilled or Lost

\*Flared or Vented

\*Used on Lease

\*Injected

\*Surface Pits

\*Other (Identify)

\*On hand, End of Month

\*API Gravity/BTU Content

None

None

None

None

XXXXXXXXXXXXXXXXXXXX

None

None

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None

None

None

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Authorized Signature: R. J. Binder ck

President

Address: P.O. Box 1329 Park City, Utah  
84060

Title: \_\_\_\_\_

Page \_\_\_\_\_ of \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U-10760  
Communitization Agreement No.                       
Field Name Monument Butte  
Unit Name                       
Participating Area                       
County Uintah State Utah  
Operator Paiute Oil & Mining Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of  
January, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#14-8	8	9S	17E	Drlg.	None	None	None		Spud 1/28/80

RECEIVED

FEB 25 1980

DIVISION OF  
OIL, GAS & MINING

\*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

Oil & Condensate  
(BBLs)

Gas  
(MCF)

Water  
(BBLs)

\*On hand, Start of Month  
\*Produced  
\*Sold  
\*Spilled or Lost  
\*Flared or Vented  
\*Used on Lease  
\*Injected  
\*Surface Pits  
\*Other (Identify)  
\*On hand, End of Month  
\*API Gravity/BTU Content

None  
None  
None  
None  
XXXXXXXXXXXXXXXXXXXX  
None  
None  
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Authorized Signature: R. J. [Signature]

Address: P.O. Box 1329 Park City, Utah  
84060

Title: President

Page        of

**STATE OF UTAH**  
**DEPARTMENT OF NATURAL RESOURCES**  
**DIVISION OF OIL, GAS, AND MINING**

SUBMIT IN TRIPLICATE\*  
 (Other instructions on  
 reverse side)

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
 Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;">           OIL WELL <input checked="" type="checkbox"/> </div> <div style="width: 40%;">           GAS WELL <input type="checkbox"/> </div> <div style="width: 20%;">           OTHER <input type="checkbox"/> </div> </div>		5. LEASE DESIGNATION AND SERIAL NO. <div style="text-align: center; font-weight: bold;">U-10760</div>
2. NAME OF OPERATOR <div style="text-align: center;">Paiute Oil &amp; Mining Corporation</div>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
3. ADDRESS OF OPERATOR <div style="text-align: center;">1901 Prospector Square, Park City, Utah 84060</div>		7. UNIT AGREEMENT NAME  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <div style="text-align: center;">1980' FEL 1980' FNL, Section 8, T9S, R17E, S.L.B.&amp;M.</div>		8. FARM OR LEASE NAME <div style="text-align: center;">P.O.M.C.O.</div>
14. PERMIT NO.  		9. WELL NO. <div style="text-align: center;">#14-8</div>
15. ELEVATIONS (Show whether DF, RT, OR, etc.) <div style="text-align: center;">5300'</div>		10. FIELD AND POOL, OR WILDCAT <div style="text-align: center;">Wildcat</div>
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <div style="text-align: center;">Sec. 8, T9S, R17E S.L.B.&amp;M.</div>		12. COUNTY OR PARISH <div style="text-align: center;">Uintah</div>
13. STATE <div style="text-align: center;">Utah</div>		18. STATE <div style="text-align: center;">Utah</div>

16.

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
 Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See Attached

RECEIVED

FEB 25 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

DATE

2-19-80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <b>OIL WELL</b> <input checked="" type="checkbox"/> <b>GAS WELL</b> <input checked="" type="checkbox"/> <b>OTHER</b>		5. <b>LEASE DESIGNATION AND SERIAL NO.</b> U-10760	
2. <b>NAME OF OPERATOR</b> Paiute Oil & Mining Corporation		6. <b>IF INDIAN, ALLOTTEE OR TRIBE NAME</b>	
3. <b>ADDRESS OF OPERATOR</b> 1901 Prospector Square, Park City, UT 84060		7. <b>UNIT AGREEMENT NAME</b>	
4. <b>LOCATION OF WELL</b> (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FEL 1980' FNL, Sec. 8, T9S, R17E, S.L.B.&M.		8. <b>FARM OR LEASE NAME</b> P.O.M.C.O.	
14. <b>PERMIT NO.</b>		9. <b>WELL NO.</b> #14-8	
15. <b>ELEVATIONS</b> (Show whether DF, RT, OR, etc.) 5300'		10. <b>FIELD AND POOL, OR WILDCAT</b> Wildcat	
		11. <b>SEC., T., R., M., OR BLK. AND SURVEY OR AREA</b> Sec. 8, T9S, R17E, S.L.B.&M.	
		12. <b>COUNTY OR PARISH</b> Uintah	13. <b>STATE</b> Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

**NOTICE OF INTENTION TO:**

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANS ☐

**SUBSEQUENT REPORT OF:**

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. **DESCRIBE PROPOSED OR COMPLETED OPERATIONS** (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting on completion equipment

**RECEIVED**

MAR 5 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Conner Kery*

TITLE

*Representative*

DATE 3/3/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. U 10762  
Communitization Agreement No. \_\_\_\_\_  
Field Name Monument Butte  
Unit Name \_\_\_\_\_  
Participating Area N/A  
County Duchesne State Utah  
Operator Paute Oil & Mining Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of  
April, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
#14-8	8	9S	17E	Testing	None	None	None	None	Acidized & sand frac'd at 3 intervals. (4/28-4/30) Presently testing

\*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Cornie O. King Address: P.O. Box 1329, Park City, UT 84060

Title: Representative

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U 10760	
2. NAME OF OPERATOR Paiute Oil & Mining Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, UT 84060		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FEL 1980' FNL, Section 8, T9S, R17E, S.L.B.&M.		8. FARM OR LEASE NAME P.O.M.C.O.	
14. PERMIT NO.		9. WELL NO. #14-8	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5300'		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E S.L.B.&M.	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) _____	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded 1/28/80. Drilling.

RECEIVED  
APR 03 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED <u>Cornelia King</u>	TITLE <u>Representative</u>	DATE <u>(January)</u>
(This space for Federal or State office use)		

APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U 10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

P.O.M.C.O.

9. WELL NO.

#14-8

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLK. AND

SURVEY OR AREA  
Sec. 8, T9S, R17E  
S.L.B.&M.

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Paiute Oil & Mining Corporation

3. ADDRESS OF OPERATOR

1901 Prospector Square, Park City, UT 84060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FEL 1980' FNL, Section 8, T9S, R17E, S.L.B.&M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐  
☐  
☐  
☐

PULL OR ALTER CASING

☐  
☐  
☐  
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐  
☐  
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

☐  
☐  
☐

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Drilling. Waiting on completion equipment.

RECEIVED  
APR 03 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

*Cornie Kang*

TITLE

*Representative*

DATE

(February), 1980

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U 10760
2. NAME OF OPERATOR Paiute Oil & Mining Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, UT 84060		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FEL 1980' FNL, Sec. 8, T9S, R17E, S.L.B.&M.		8. FARM OR LEASE NAME P.O.M.C.O.
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5300'	9. WELL NO. #14-8
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18, T9S, R17E S.L.B.&M.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	<input checked="" type="checkbox"/>

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Waiting on completion equipment

RECEIVED  
APR 10 1980DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED R. J. Pender by CKTITLE PresidentDATE 4/7/80

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U 10760
2. NAME OF OPERATOR Paiute Oil & Mining Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 1901 Prospector Square, Park City, Utah 84060		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  1980' FEL - 1980' FNL, Sec. 8, T9S, R17E, S.L.B.&M.		8. FARM OR LEASE NAME POMCO
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5300'	9. WELL NO. #14-8
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E, S.L.B.&M.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Acidized and sand frac'd at three intervals. 4/28-4/30. Presently testing.

RECEIVED  
MAY 14 1980

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Representative

DATE 5/7/80

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

State

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other _____						
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____				
2. NAME OF OPERATOR <b>Palute Oil &amp; Mining Corporation</b>						5. LEASE DESIGNATION AND SERIAL NO. <b>U 10760</b>					
3. ADDRESS OF OPERATOR <b>P.O. Box 1329 Park City, Utah 84060</b>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b>					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>1980' FEL - 1980' FNL Sec 8, T9S, R17E, S.L.B. &amp; M.</b> At top prod. interval reported below At total depth <b>43-013-30542</b>						7. UNIT AGREEMENT NAME <b>NA</b>					
14. PERMIT NO. <b>43-047-30669</b>						DATE ISSUED <b>1-25-80</b>					
15. DATE SPUDDED <b>1-31-80</b>		16. DATE T.D. REACHED <b>2-24-80</b>		17. DATE COMPL. (Ready to prod.) <b>5-13-80</b>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5315.0 RKB</b>		19. ELEV. CASINGHEAD <b>5299.0</b>			
20. TOTAL DEPTH, MD & TVD <b>6400' MD</b>		21. PLUG, BACK T.D., MD & TVD <b>NA</b>		22. IF MULTIPLE COMPL., HOW MANY* <b>NA</b>		23. INTERVALS DRILLED BY <b>XXX</b>		ROTARY TOOLS <b>---</b>			
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* <b>5070 to 5090, 4668 to 4684, &amp; 4128 to 4144</b> <b>Green River formation All measurements RKB</b>								25. WAS DIRECTIONAL SURVEY MADE <b>No</b>			
26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Densilog - Dual Laterolog - Cement bond log</b>								27. WAS WELL CORED <b>No</b>			
28. CASING RECORD (Report all strings set in well)											
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
<b>10 3/4"</b>		<b>40.5#</b>		<b>295' RKB</b>		<b>13 3/4"</b>		<b>See Attachments</b>			
<b>7"</b>		<b>29#</b>		<b>6378' RKB</b>		<b>8 3/4"</b>		<b>See Attachments</b>			
<b>DV Tool at</b>				<b>4313' RKB</b>							
29. LINER RECORD										30. TUBING RECORD	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE	
										<b>See Attachments</b>	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<b>5070 to 5090</b>		<b>2 hole p/Ft</b>		<b>.44"</b>		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
<b>4668 to 4686</b>		<b>2 holes p/Ft</b>		<b>.44"</b>		<b>See</b>		<b>Attachments</b>			
<b>4128 to 4144</b>		<b>2 holes p/Ft</b>		<b>.44"</b>							
33.* PRODUCTION											
DATE FIRST PRODUCTION <b>5-13-80</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>Pumping 2 1/2 x 2 x 14' RWEC</b>						WELL STATUS (Producing or shut-in) <b>Producing</b>			
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>Used for fuel</b>										TEST WITNESSED BY	
35. LIST OF ATTACHMENTS <b>Items; 28, 30, &amp; 32</b>											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED <u>Claude N. Bard</u> TITLE <u>Representative</u> DATE <u>11-12-80</u>											

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	1434'	T.D.		Evacuation Crk.	2585	
	2610'	2615'	Gas Zone	Parachute Crk.	3170	
	4128'	4144'	Oil Zone	Douglas Crk.	4590	
	4668'	4684'	Oil Zone	Lower Douglas Crk	5212	
	5070'	5090'	Oil Zone			

SCOTT M. MATHESON  
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

CLEON B. FEIGHT  
Director

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

CHARLES R. HENDERSON  
Chairman

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
MAXILIAN A. FARBMAN  
EDWARD T. BECK  
E. STEELE MCINTYRE

November 24, 1980

Paiute Oil & Mining Corp.  
1901 Prospectot Square  
Park City, Utah 84060

RE: SEE ATTACHED SHEET FOR WELLS  
DUE.

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well(s) is due and has not been filed with this office as required by our rules and regulations. Rule C-5, General Rules and Regulations and Rules of Practice and Procedure States, "Within ninety (90) days after the suspension of operations on, abandonment of, or the completion of any well drilled for the production of oil and/or gas, and within ninety (90) days after the completion of any further operations on the well, if such operations involved drilling deeper or redrilling or drilling any formation, a well log shall be filed with the Commission on a form prescribed by the Commission, together with a copy of the electric and radioactivity logs, if run. The filing of a legible copy of the report filed with the U.S. Geological Survey will be considered compliance."

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD  
CLERK TYPIST

SHEET ATTACHMENT

- (1) P. O. M. C. O. #2  
Sec. 18, T. 9S, R. 17E,  
Duchesne County, Utah
- (2) P. O. M. C. O. #4  
Sec. 20, T. 9S, R. 17E,  
Duchesne County, Utah
- (3) P. O. M. C. O. #12-20  
Sec. 20, T. 9S, R. 18E,  
Duchesne County, Utah
- (4) P. O. M. C. O. #14-8  
Sec. 8, T. 9S, R. 17E,  
Duchesne County, Utah
- (5) P. O. M. C. O. #17-29  
Sec. 29, T. 9S, R. 17E,  
Duchesne County, Utah
- (6) P. O. M. C. O. #24-15  
Sec. 24, T. 9S, R. 17E,  
Duchesne County, Utah

SECOND NOTICE

Item 32      Acid, Shot, Fracture, Cement squeeze, etc.

Depth Interval (MD)	Amount and kind of material used
---------------------	----------------------------------

5070 to 5090 (RKB)

\*Acidized: By Western Co. & Nowsco. Pumped 40,000 SCF nitrogen pad followed by 2000 gals of 15% HCL acid with 750 SCF nitrogen p/Bbl. Displaced acid with 17 bbls of formation water with 750 SCF nitrogen p/Bbl. Dropped 20 ball sealers after 16 bbls of acid and 20 ball sealers after 32 bbls of acid. Average pumping rate of 2.6 BPM at 2000 psi. ISIP 1900 psi. 5 minutes 1850 psi. 10 minutes 1800 psi. 15 minutes 1750 psi.

\*Fracture: By Western Co. Pumped 5000 gals of Maxi 0-74 gelled diesel pad, 5000 gals with 1# 20/40 sand, 5000 with 2# 20/40 sand, 5000 gals with 3# 20/40 sand, 5000 gals with 3½# 10/20 sand and flushed with 36 bbls of frac fluid. Average pumping rate of 20 BPM at 4000 psi. ISIP 2050 psi. 15 minutes 1900 psi. Used 30,000# 20/40 sand and 17,500# 10/20 sand.

4668 to 4684 (RKB)

\*Acidized: By Western Co & Nowsco. Pumped 40,000 SCF of nitrogen pad followed by 1600 gals of 15% HCL acid with 750 SCF of nitrogen p/Bbl. Displaced acid with 16 bbls of formation water with 750 SCF nitrogen p/Bbl. Dropped 16 ball sealers after 12 bbls of acid and 16 more after 25 bbls of acid. Average pumping rate of 3 BPM at 2450 psi.

\*Fracture: By Western Co. Pumped 5000 gals of Maxi 0-74 gelled diesel pad. 5000 gals with 1# 20/40 sand, 5000 gals with 2# 20/40 sand, 5000 gals with 3# 20/40 sand, 5000 gals with 3½# 10/20 sand and flushed with 32 bbls of frac fluid. Average pumping rate 17 BPM at 3200 psi. ISIP @ 2200 psi, and 15 minutes 2000 psi. Used 30,000# of 20/40 sand and 17,500# 10/20 sand.

4128 to 4144 (RKB)

\*Acidized: By Western Co. & Nowsco. Pumped 40,000 SCF of nitrogen pad followed by 1600 gals of 15% HCL acid with 750 SCF of nitrogen p/Bbl. Displaced acid with 16 bbls of formation water with 750 SCF of nitrogen p/Bbl. Dropped 16 ball sealers after 12 bbls of acid and 16 more after 25 bbls of acid. Average pumping rate of 3 BPM at 2300 psi.

Item 28

Casing Size	Weight Lb/Ft	Depth Set	Hole Size	Cementing Record
10 <sup>3</sup> / <sub>4</sub> "	40.5#	295' KB	13 <sup>3</sup> / <sub>4</sub> "	Cemented with 300 sacks of class G" 2% C.C. & 1/4# p/sk of cello flake;
7"	29#	6378' KB	8 <sup>3</sup> / <sub>4</sub> "	Cemented lower stage with 300 sacks of class G" 2% lodense, 12# p/sk gilsonite & 1/4# p/sk. Tailed with 150 sacks of class G" with .5% D-31.
	DV Tool	4313' KB		Cemented upper stage thru DV Tool @ 4313 with 430 sk of class G" 2% lodense, 12# p/sk gilsonite, 1/4# p/sk cello flake, tailed with 50 sacks of class G" with 2% C.C.
	Perforated at 2750' with 4 holes to cement 7" casing to cover gas zone at 2610 to 2625.			Cemented thru the perforations @ 2750 with 250 sks of class G" with 10% salt.

Pomco 14-8

Item 30

Tubing Record

Size	Use	Depth Set (MD)	Packer Set (MD)
2 <sup>7</sup> / <sub>8</sub> "	Production	5598.29 Casing Head Meas.	2228.20 Casing Head Meas. Baker Model AL-5 double grip dual hydrostatic.
1 <sup>1</sup> / <sub>4</sub> "	Vent string	2228.20 Casing Head Meas.	
1 <sup>1</sup> / <sub>4</sub> "	Heat string	2215.79 Casing Head Meas.	

\*Cont.\*

\*ISIP 2200 psi, 5 minutes 2100 psi, 10 minutes 2100 and 15 minutes 2050 psi.

\*Fracture: By Western Co. Pumped 3000 gals of Maxi 0-74 gelled diesel pad, 2000 gals with 1½# 20/40 sand, 3000 gals with 2# 20/40 sand, 3000 gals with 3# 20/40 sand, 3000 gals with 3½# 10/20 sand and displaced with 26 bbls of frac fluid. Average pumping rate of 20 BPM at 3100 psi. ISIP 2300 psi and 15 minutes 2100 psi. Used 18,000# of 20/40 sand, and 10,500# of 10/20 sand.\*



December 23, 1980

Paiute Oil & Mining Corporation  
P.O. Box 1329  
Park City, Utah 84060

RE: Well No. POMCO #14-8  
Sec. 8, T. 9S, R. 17E.,  
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office November 12, 1980, from above referred to well indicates the following electric logs were run: Densilog-Dual Laterolog-Cement Bond Log. As of today's date this office has not received the Cement Bond Log.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

BARBARA HILL  
WELL RECORDS

/bjh

Enclosures: Forms

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: U-10760  
SERIAL No.:

and hereby designates

NAME: Natural Gas Corporation of California  
ADDRESS: 7800 E. Union Ave.-Ste. 800  
Denver, Colorado 80237

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 9 South, Range 17 East, SLM  
Section 8: NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$   
Section 15: SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$

containing 800 acres, m/1  
Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

CHORNEY OIL COMPANY

By: *Archie A. Sears*  
ASST SECRETARY

By: *D. Patrick Guth*  
(Signature of Lessee) VICE PRESIDENT

*Feb 8, 1982*  
(Date)

1860 Lincoln St.-Ste. 401, Denver, Co. 80295  
(Address)

This will supersede and  
replace previous Designation  
of Operator to Palute Oil and  
Mining Company

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: U-10760

SERIAL No.:

and hereby designates

NAME: Natural Gas Corporation of California  
ADDRESS: 7800 E. Union Ave. - Ste. 800  
Denver, Colorado 80237

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Township 9 South, Range 17 East, SLM

Section 8: NE $\frac{1}{4}$ , NE $\frac{1}{4}$ NW $\frac{1}{4}$ , S $\frac{1}{2}$ NW $\frac{1}{4}$

Section 15: SW $\frac{1}{4}$ NE $\frac{1}{4}$ , NW $\frac{1}{4}$ , S $\frac{1}{2}$

containing 800 acres, m/l

Duchesne County, Utah

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

PACIFIC TRANSMISSION SUPPLY COMPANY

By: \_\_\_\_\_

By: C. T. Clark, Jr.

(Signature of lessee)

C. T. Clark, Jr. - Attorney-in-Fact

February 5, 1982

(Date)

245 Market Street, San Francisco, CA 94105

(Address)

This will supercede and replace  
previous Designation of Operator  
to Paiute Oil & Mining Company

U.S. GOVERNMENT PRINTING OFFICE : 1974 O - 277-141

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT  
IS FILLED IN U-46500 AND SUCH  
AUTHORITY IS STILL IN EFFECT.

323-9382-00

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN THE MANNER INDICATED\*  
(Other instructions on reverse side)

Form approved.  
-Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
POMCO

9. WELL NO.

#14-8

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND

Sec. 8, T9S, R17E,  
SLM

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Paiute Oil & Mining Corporation

3. ADDRESS OF OPERATOR

1901 Prospector Square, Park City, Utah 84060

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1980' FEL - 1980' FNL, Sec. 8, T9S, R17E, SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Change Operator from Paiute Oil & Mining to Natural Gas Corporation of California  
(Designation of Operator forms attached)

RECEIVED

FEB 11 1982

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Land Manager

DATE 2/5/82

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NO 140  
DESIGNATION OF OPERATOR

RECEIVED  
JUN 30 1982  
DENVER OPERATIONS

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE: Salt Lake City, Utah  
SERIAL No.: U-10760

and hereby designates

NAME: Paiute Oil and Mining Co.  
ADDRESS: P. O. Box 1329  
Park City, UT 84060

PAUL  
1. Circ  
2. File  
FILE

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

T9S, R17E  
Sec. 8: SW/4NE/4  
Duchesne County, Utah

containing 40 acres, m/l

RECEIVED

AUG 6 1984

DIVISION OF OIL  
GAS & MINING

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

By:

EVIDENCE OF AUTHORITY FOR ATTORNEY-IN-FACT  
IS FILED IN U-46500 AND SUCH  
AUTHORITY IS STILL IN EFFECT.

June 18, 1982

(Date)

By:

C. T. Clark, Jr.

(Signature of lessee)

C. T. Clark, Jr., Attorney-in-Fact

7800 E. Union Avenue, Suite 800, Denver, CO 80237

(Address)

U.S. GOVERNMENT PRINTING OFFICE: 1979 O - 272-341

XC: Ron Vennet  
Phyl

323-9382-00

COMPANY: GAVILAN OPER INC UT ACCOUNT # N2275 SUSPENSE DATE: 011116

WELL NAME: \_\_\_\_\_

TELEPHONE CONTACT DOCUMENTATION

API #: \_\_\_\_\_

CONTACT NAME: DOUG THAYER

SEC, TWP, RNG: \_\_\_\_\_

CONTACT TELEPHONE NO.: 484-0942 263-8685

SUBJECT: DOUG CALLED AND WANTS FOLLOWING WELLS MAILED TO THEIR VERNAL ADDRESS:

✓ Pomco 14-8	4301330542	GPRV - POW	9S 17E 8
✓ N6C 32-14 SED	4304731129	GPRV - POW	9S 17E 14
✓ Pomco 2	4301330505	GRWS - POW	9S 17E 18
✓ WALKER 2-1A	4304731431	WSTC - POW	9S 20E 2

(Use attachments if necessary) **ALTERNATE ADDRESS**

RESULTS: GAVILAN OPER INC PAUTE OIL & MINING. (USE ADDRESS)

1680 W HIGHWAY 40 #1230

VERNAL UT 84078

ATTN: JOAN RIDDLE

CHANGE OF

OPERATOR FORM

2:30 1-7-87 DOUG WILL CALL BACK

WILL BE SENT

IN SOON.

(Use attachments if necessary)

CONTACTED BY: VC

DATE: 1-5-88

4-12-88

TAD GOING TO PAUTE OIL & MINING  
% GAVILAN OPER INC

UC-DOGM

WALKER PAUTE 2-1A	43 047 51431
POMCO #2	43 013 30505
NGC FED #32-14	43 047 31129
POMCO 14-8	43 013 30542

CHG OF OPER FORM WILL BE SENT  
SOON.

PAUTE OIL & MINING  
4885 SO 900 E  
#305  
OLC 84117

ATTN: BOB  
NEWETT

Sept 1987  
Janilan

Jamie  
do the address  
change list to correct  
until we get this all  
straightened out.  
Thanks!  
J

4/20/89

Bob Newett

4/21/89 - DLO still  
shows fault in  
the range of fault  
has been submitted.





# Paiute Oil and Mining Corporation

June 17, 1989

Utah Division of Oil, Gas and Mining  
3 Triad Center - Suite 350  
Salt Lake City, UT, 84180-1203

RECEIVED  
JUN 19 1989

DIVISION OF  
OIL, GAS & MINING

Re: Production Reports - Pomco 14-8 and 2.

Gentlemen:

I yesterday received the enclosed pre-printed May, 1989 Monthly Oil and Gas Production Report form for the described wells. I note that it is addressed to Paiute Oil and Mining at the address of the Vernal district office of Gavilan Petroleum, Inc. I also note that the form shows "Utah Account No. N0780" which is the account number assigned to Paiute Oil & Mining Corporation. The form reached me in the enclosed envelope which you will note is addressed to Paiute Oil and Mining and to my attention.

Your records should show that Paiute Oil and Mining Corporation is a company in bankruptcy under Chapter 7 of the Bankruptcy Code. The Trustee of Paiute is:

Harriet E. Styler, Esq.  
9 Exchange Place, Suite 1000  
Salt Lake City, UT, 84111

Your records should also show that the described wells were sold to Gavilan Petroleum, Inc. and/or Gavilan Operating Co. on or about September 30, 1987. The Gavilan address is 4885 South 900 East, Suite 305, Salt Lake City, UT, 84117. Paiute has had no interest in the described wells since September 30, 1987 and accordingly has no reporting requirement on the wells.

The preprinted form suggests that Gavilan or some party to whom Gavilan has assigned ownership and/or operating rights in the wells is reporting the production on these wells in the name of Paiute Oil & Mining.

Please check your files of monthly production reports from and after September 30, 1987 to determine if such reports have been made in the name of Paiute Oil and Mining Corporation, (Utah Account No. N0780). If such reports have been made they are in error and I suggest that amended reports should be required from the true operator of the properties.

The Trustee of Paiute Oil and Mining Corporation disclaims any reporting or other responsibility for Utah oil and gas production from and after September 30, 1987.

I am sending a copy of this letter to the Trustee, to her oil and gas counsel and to Gavilan. If you wish to contact me please call at (801) 649-2004 during business hours.

Very truly yours,

*David B. Emmert*  
David B. Emmert



UTAH  
NATURAL RESOURCE:  
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, UT  
84180-1203. • (801-538-5340)

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• PAIUTE OIL & MINING  
1680 W HIGHWAY 40 #1230  
VERNAL UT 84078  
ATTN: JOANN RIDDLE

Utah Account No. N0780

Report Period (Month/Year) 6 / 89

Amended Report ☐

Well Name			Producing	Days	Production Volume		
API Number	Entity	Location	Zone	Oper	Oil (BBL)	Gas (MSCF)	Water (BBL)
POMCO 14-8							
4301330542	06057	09S 17E 8	GRRV				
POMCO#2							
4301330505	08101	09S 17E 18	GR-WS				
					TAS -		
					Per the attached letters, please		
					change the operator for these		
					two wells to <u>Gavilan.</u>		
					DTS		
					7-20-89		
					cc: 1989 Production File - Parute		
					1989 Production File - Gavilan		
					well File - Pomco 14-8		
					well File - Pomco 2		
TOTAL							

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date \_\_\_\_\_

Authorized signature

Telephone \_\_\_\_\_

PLEASE COMPLETE FORMS IN BLACK INK

JOHN B. MAYCOCK  
LAW OFFICE  
39 POST OFFICE PLACE, SUITE 200  
SALT LAKE CITY, UTAH 84101  
(801) 532-3399

JOHN B. MAYCOCK

THOMAS A. MITCHELL

July 10, 1989

RECEIVED  
JUL 11 1989

DIVISION OF  
OIL, GAS & MINING

Utah Division of Oil, Gas  
and Mining  
3 Triad Center  
Suite 350  
Salt Lake City, Utah 84180-1203

Re: Production Reports-Pomco 14-8 & 14-2

Gentlemen:

I represent the trustee in a Chapter 7 Bankruptcy proceeding involving Paiute Oil & Mining Corporation. You have previously received a letter from David B. Emmert, an employee of the trustee of the Bankruptcy estate, concerning the receipt of requested production reports for the Pomco 14-8 & 14-2 wells. That letter was dated June 17, 1989.

The estate is concerned that the records in the Division show Paiute's account number N0780 as active for the above referenced wells API numbers 4301330542 and 430133050 respectively.

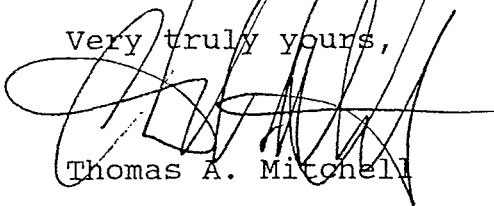
Your records should reflect that these wells were sold to Gavilan Petroleum, Inc. and/or Gavilan Operating Company on or about September 30, 1987. Gavilan's address is 4885 South 900 East, Suite 305, Salt Lake City, Utah 84117. Paiute has had no interest in these wells since the court approved sale of these wells to Gavilan effective September 30, 1987, and accordingly has no reporting requirement with regard to these wells.

If your records reflect that ownership or operating rights are still reflected as being in the name of Paiute Oil & Mining or that reporting of production for these wells is being done under Paiute's name or account number, please contact this office immediately.

Utah Division of Oil,  
Gas & Mining  
July 10, 1989  
Page Two

I am under separate cover providing a copy of this letter to Richard B. Johns, counsel for Gavilan, and request your cooperation in informing both Mr. Johns and myself of any discrepancy in your records which would conflict with this disclaimer of reporting authority or other responsibility as an operator or interest owner in the above referenced wells.

Very truly yours,

A handwritten signature in black ink, appearing to read 'TAM', is written over the typed name 'Thomas A. Mitchell'.

Thomas A. Mitchell

TAM/nhn

Enc.

cc: Harriet E. Styler  
Richard B. Johns



# Paiute Oil and Mining Corporation

June 17, 1989

Utah Division of Oil, Gas and Mining  
3 Triad Center - Suite 350  
Salt Lake City, UT, 84180-1203

RECEIVED  
JUN 19 1989

DIVISION OF  
OIL, GAS & MINING

Re: Production Reports - Pomco 14-8 and 2.

Gentlemen:

I yesterday received the enclosed pre-printed May, 1989 Monthly Oil and Gas Production Report form for the described wells. I note that it is addressed to Paiute Oil and Mining at the address of the Vernal district office of Gavilan Petroleum, Inc. I also note that the form shows "Utah Account No. N0780" which is the account number assigned to Paiute Oil & Mining Corporation. The form reached me in the enclosed envelope which you will note is addressed to Paiute Oil and Mining and to my attention.

Your records should show that Paiute Oil and Mining Corporation is a company in bankruptcy under Chapter 7 of the Bankruptcy Code. The Trustee of Paiute is:

Harriet E. Styler, Esq.  
9 Exchange Place, Suite 1000  
Salt Lake City, UT, 84111

532-4236

Rec'd  
Oct - Dec  
1987 Pomco 2  
Gavilan reporting  
production

Your records should also show that the described wells were sold to Gavilan Petroleum, Inc. and/or Gavilan Operating Co. on or about September 30, 1987. The Gavilan address is 4885 South 900 East, Suite 305, Salt Lake City, UT, 84117. Paiute has had no interest in the described wells since September 30, 1987 and accordingly has no reporting requirement on the wells.

The preprinted form suggests that Gavilan or some party to whom Gavilan has assigned ownership and/or operating rights in the wells is reporting the production on these wells in the name of Paiute Oil & Mining.

Please check your files of monthly production reports from and after September 30, 1987 to determine if such reports have been made in the name of Paiute Oil and Mining Corporation, (Utah Account No. N0780). If such reports have been made they are in error and I suggest that amended reports should be required from the true operator of the properties.

The Trustee of Paiute Oil and Mining Corporation disclaims any reporting or other responsibility for Utah oil and gas production from and after September 30, 1987.

I am sending a copy of this letter to the Trustee, to her oil and gas counsel and to Gavilan. If you wish to contact me please call at (801) 649-2004 during business hours.

Very truly yours,

*David B. Emmert*

David B. Emmert

57P

# GAVILAN PETROLEUM, INC.

4885 South 900 East, Suite 305  
Salt Lake City, Utah 84117  
(801) 263-8685

August 2, 1989

RECEIVED  
AUG 07 1989

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078

DIVISION OF  
OIL, GAS & MINING

RE: Change of Operator - Pomco #2, Pomco #14-8

Attached you will find Sundry Notices concerning a change of operator from Paiute Oil & Mining to Gavilan Petroleum, Inc. for the above-referenced wells. The Sundry Notices have been signed by both parties involved. The effective date of sale is September 30, 1987.

Gavilan Petroleum, Inc. subsequently sold one of the wells, the Pomco #14-8, to Orbis Exim, Inc., effective December 1, 1987. Attached is another Sundry Notice indicating the change of operator.

If you should have any questions please advise.

*Bob Jewett*

Bob Jewett for  
Gavilan Petroleum, Inc.

cc: Tammy Searing-State of Utah

OIL AND GAS	
DRN	RJF
JRB	GLH
DTG	SLS
1-TAS	
MICROFILM	
FILE	

## OPERATIONS OFFICE

Ashton Energy Center

1680 West Highway #40, Suite 1230 / Vernal, Utah 84078 / (801) 789-4666

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-10760
2. NAME OF OPERATOR Gavilan Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 4885 So. 900 E., Suite 305, Salt Lake City, Utah 84114		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FEL-1980' FNL, Sec. 8, T9S, R17E		8. FARM OR LEASE NAME Pomco
14. PERMIT NO. PI # 4301330542		9. WELL NO. 14-8
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5300'		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8, T9S, R17E
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) CHANGE OF OPERATOR <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

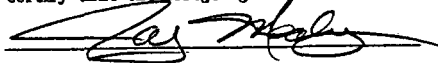
Be advised that Orbis Exim, Inc. is considered to be the operator of well # 14-8; SW 1/4 NE 1/4 Section 8, Township 9 S, Range 17E, Lease # U-10760; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Effective date: 12/1/87

Address: 150 West End Ave., Apt. 4A  
New York, NY 10023

212-873-2596

18. I hereby certify that the foregoing is true and correct

SIGNED 	TITLE Vice-President	DATE 8-1-89
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pomco

9. WELL NO.

14-8

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 8, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1.

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Paute Oil & Mining Corp.

3. ADDRESS OF OPERATOR

P.O. Box 578, Park City, Utah 84302

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)

At surface

1980' FEL-1980' FNL, Sec. 8, T9S, R17E

AUG 07 1989

DIVISION OF  
OIL, GAS & MINING

14. PERMIT NO.

API# 4301330542

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF


PULL OR ALTER CASING


FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF


FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) CHANGE OF OPERATOR

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*


(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Be Advised that Gavilan Petroleum, Inc. is considered to be the operator of well # 14-8; SW 1/4 NE 1/4 Section 8, Township 9 S, Range 17 E, Lease # U-10760; Duchesne County, Utah; And is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Effective Date: 9/30/87

Address: 4885 So. 900 E., Suite 305  
SALT LAKE CITY, Utah 84117

18. I hereby certify that the foregoing is true and correct

SIGNED

*Pat Mealy*

TITLE

Vice-President

DATE

8-1-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on  
reverse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Pomco

9. WELL NO.

4-8

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 8, T9S, R17E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

SUNDRY NOTICES AND REPORTS ON WELLS  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Paute Oil & Mining Corp.

3. ADDRESS OF OPERATOR

P.O. Box 578, Park City, Utah 84080

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1980' FEL-1980' FNL, Sec. 8, T9S, R17E

14. PERMIT NO.

API # 4301330542

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5300'

DIVISION OF

OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) change of operator

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Change operator From Paute Oil & Mining Corp.

to : Gavilan Petroleum Inc.

4885 So. 900 E., Suite 305

Salt Lake City, Utah 84117

Effective date: September 30, 1987

18. I hereby certify that the foregoing is true and correct

SIGNED

JP Hays

TITLE

Trustee in bankruptcy

DATE

7/5/89

(This space for Federal or State office use)

APPROVED BY

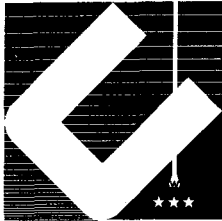
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



**Caloco Energy, Inc.**

Oil & Gas Exploration & Production

P.O. Box 181505  
Dallas, Texas 75218

RECEIVED  
SEP 25 1989

OIL, GAS & MINING

September 20, 1989

Ms. Tammy Searing  
Division of Oil, Gas, & Mining  
355 W. N. Temple  
No. 3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Re: Sundry Notice  
Pomco #14-8

Dear Ms. Searing,

Enclosed please find the Sundry Notice for change of operator sent to us by Gavilan.

The operator of the above referenced lease is either Gavilan or Orbis.

If you have trouble contacting anyone on this matter please do not hesitate to call us.

Sincerely,

Calvin Wallen III

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER  
2. NAME OF OPERATOR  
Gavilan Petroleum, Inc.  
3. ADDRESS OF OPERATOR  
4885 So. 900 E., Suite 305, Salt Lake City, Utah 84117  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

SEP 25 1989

5. LEASE DESIGNATION AND SERIAL NO.  
U-10760  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Pomco  
9. WELL NO.  
14-8  
10. FIELD AND POOL, OR WILDCAT  
Wildcat  
11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA  
Sec. 8, T9S, R17E  
12. COUNTY OR PARISH  
Duchesne  
13. STATE  
Utah

14. PERMIT NO.  
API # 4301330542  
15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5300'

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANS

(Other) CHANGE OF OPERATOR

(Other)

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Be advised that Orbis Exim, Inc. is considered to be the operator of well # 14-8; SW 1/4 NE 1/4 Section 8, Township 9S, Range 17E, Lease # U-10760; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Effective date: 12/1/87

Address: 150 West End Ave., Apt. 4A  
New York, NY 10023

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED

*Paul L. Liker*

2-

3-

*Vice President*

DATE

8/8/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DATE

\*See Instructions on Reverse Side

Division of Oil, Gas and Mining  
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File Pomco 14-8

☐ Suspense  
(Return Date) \_\_\_\_\_  
(To - Initials) 195

☐ Other \_\_\_\_\_

(Location) Sec 8 Twp 45 Rng 17E  
(API No.) 43-013-30540

1. Date of Phone Call: 8-14-89 Time: 8:50

2. DOGM Employee (name) Dani U (Initiated Call ☒)  
Talked to:

Name Fred Oliver (Initiated Call ☐) - Phone No. (214) 873-0590  
of (Company/Organization) Oliver Exim, Inc.

3. Topic of Conversation: Change of Opri configuration

4. Highlights of Conversation: 8-14-89 10:03 both times no  
answler - 8-23-89 8:00 no ansuler - 8-24-89  
8:30 no ansuler - spoke w/ Bob Tullitt  
at Gaudin he indicate that he cannot  
get in touch w/ Oliver by mail or phone. 8/24/89 8:45

8-24-89 9:55 Knows Mr. Oliver will  
Calvin Wallin - check back Mon morn  
from Calaco - 014-047-4890 - 8-30-89 was  
not in left message.

10-4-89 8:00 left message w/ receptionist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN THIS DATE  
(Other instructions on re-  
verse side)

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED  
DEC 22 1989

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR  
Gavilan Petroleum, Inc.

3. ADDRESS OF OPERATOR  
P.O. Box 1656, Roosevelt, Utah 84066 OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1980' FEL & 1980' FNL

14. PERMIT NO.  
43-047-30669

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
5315' RKB

5. LEASE DESIGNATION AND SERIAL NO.  
U 10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Pomco

9. WELL NO.  
14-8

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLE. AND  
SUBST. OR AREA

Sw/Ne Sec. 8, T9S, R17E

12. COUNTY OR PARISH  
Duchesne

13. STATE  
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT\*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be informed that Gavilan Petroleum, Inc. intends to plug and abandon the subject well as follows:

- 1) Set CIBP @ 4100' and spot a 50' cement plug on top.
- 2) Spot a 200' cement plug in the 7" production csg. from 2100' to 1900'.
- 3) Perforate @ 395' and place a 200' cement plug inside and outside of the 7" production casing.
- 4) Place surface plug and install dry hole marker.
- 5) Reclaim location.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
MICROFILM	
FILE	

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Field Engineer

DATE 12/18/89

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

Federal approval of this action  
is required before commencing  
operations

\*See Instructions on Reverse Side

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 12-28-89



Caloco Energy, Inc.

Oil & Gas Exploration & Production

P.O. Box 181505  
Dallas, Texas 75218

RECEIVED  
JAN 05 1990

January 4, 1990

DIVISION OF  
OIL, GAS & MINING

Mr. John Baza  
Division of Oil, Gas & Mining  
355 W. N. Temple  
No. 3 Triad Center/Suite 350  
S.L.C., Utah 84180-1203

RE: Sundry Notice for Plugging East Gusher #1-2A  
(Permit # 43-047-31431) and Pomco Unit #14-8  
by Gavilan Petroleum, Inc.

Dear Mr. Baza:

Enclosed please find a copy of a Sundry Notice Gavilan filed for plugging on the East Gusher #1-2A. Unfortunately I do not have a copy of the Pomco #14-8 notice.

Please be advised that Caloco Energy and Orbis Ex-Im are the working interest owners of these properties. Gavilan has not been given consent by the working interest owners to plug these wells.

If you have any questions or need further information please do not hesitate to call me at (214) 247-4890.

Sincerely,

Calvin Wallen III

CW/rd  
Enclosure

FRED LIEBER  
150 WEST END AVENUE  
SUITE 4A  
NEW YORK, NY 10023

March 2, 1990

Mr. John Baca  
Division of Oil, Gas, and Mining  
355 W.N. Temple  
No. 3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

RE: Sundry Notice (Plugging) on Pomco #14-8

*Sec. 8, T9S, R. 17E  
Duchesne Co.  
43-013-30542*

Dear Mr. Baca,

I have recently received a copy of a Sundry Notice for plugging on the above referenced well, from Gavilan Petroleum.

I have been and am currently trying to retire a tax lien on the property. This lien was in place upon my purchase of the property from Gavilan, but I was not aware of it. Because of my investment in the well I am trying to clear the lien in order to produce the property. I am the 100% working interest owner of this well and have not given Gavilan consent to plug. If the property is plugged I will lose and so will Duchesne County. Therefore it is my desire not to plug the property if it all possible.

Any assistance from you with this matter would be greatly appreciated.

Sincerely,

*Fred Lieber*

FRED LIEBER

FL/tw

COPIES SENT TO	
JLT	

**RECEIVED**  
MAR 05 1990

DIVISION OF  
OIL, GAS & MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 28, 1990

Mr. Fred Lieber  
150 West End Avenue, Suite 4A  
New York, New York 10023

Dear Mr. Lieber:

Re: POMCO Well # 14-8, Section 8, Township 9 South, Range 17 East, Duchesne County, Utah

The Division of Oil, Gas and Mining recently received your letter concerning the referenced well. On December 28, 1990, the Division received a Sundry Notice to plug and abandon the well which was filed by Gavilan Petroleum Inc. The Division accepted the proposed plugging and abandonment with the stipulation that federal approval of the action was required before commencing operations. Because this matter involves a federal lease, the U.S. Bureau of Land Management was contacted to verify the operatorship of the well. According to the B.L.M.'s records, Gavilan is still shown as operator of the referenced well and lease, and the B.L.M. is awaiting a new lease bond before approving the change of operator to your company.

The Division recognizes the B.L.M. as primary administrative agency involving this well located on a federal lease. Although we act jointly with the B.L.M. to review and approve notices of plugging and abandonment, the Division relies on the B.L.M. for change of operator approvals on federal leases. Therefore, I am forwarding a copy of your letter to the Vernal District Office of the B.L.M. for their consideration. The Division will not attempt to suspend its acceptance of the proposed well plugging and abandonment because that the B.L.M. has not yet approved of the change of lease ownership.

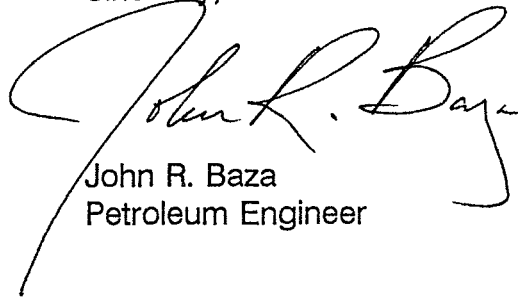
You should note that this does not represent an attempt by the Division to enforce federal bonding and lease transfer requirements. As soon as we have verification from the B.L.M. that an operator change has been approved, our acceptance of Gavilan's plugging proposal will be null and void.



Page 2  
Mr. Fred Lieber  
March 28, 1990

Please let me know if I can be of any further assistance to you in this effort.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza". The signature is written in black ink and is positioned above the printed name and title.

John R. Baza  
Petroleum Engineer

ldc

cc: B.L.M. - Vernal District Office  
D. R. Nielson  
R. J. Firth  
**Well file**

WOI76



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 28, 1990

Mr. Fred Lieber  
150 West End Avenue, Suite 4A  
New York, New York 10023

Dear Mr. Lieber:

Re: POMCO Well # 14-8, Section 8, Township 9 South, Range 17 East, Duchesne County, Utah

The Division of Oil, Gas and Mining recently received your letter concerning the referenced well. On December 28, 1990, the Division received a Sundry Notice to plug and abandon the well which was filed by Gavilan Petroleum Inc. The Division accepted the proposed plugging and abandonment with the stipulation that federal approval of the action was required before commencing operations. Because this matter involves a federal lease, the U.S. Bureau of Land Management was contacted to verify the operatorship of the well. According to the B.L.M.'s records, Gavilan is still shown as operator of the referenced well and lease, and the B.L.M. is awaiting a new lease bond before approving the change of operator to your company.

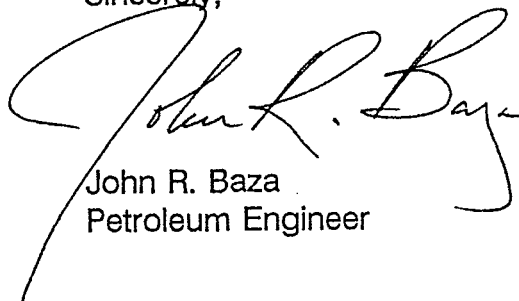
The Division recognizes the B.L.M. as primary administrative agency involving this well located on a federal lease. Although we act jointly with the B.L.M. to review and approve notices of plugging and abandonment, the Division relies on the B.L.M. for change of operator approvals on federal leases. Therefore, I am forwarding a copy of your letter to the Vernal District Office of the B.L.M. for their consideration. The Division will not attempt to suspend its acceptance of the proposed well plugging and abandonment because that the B.L.M. has not yet approved of the change of lease ownership.

You should note that this does not represent an attempt by the Division to enforce federal bonding and lease transfer requirements. As soon as we have verification from the B.L.M. that an operator change has been approved, our acceptance of Gavilan's plugging proposal will be null and void.

Page 2  
Mr. Fred Lieber  
March 28, 1990

Please let me know if I can be of any further assistance to you in this effort.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza". The signature is written in dark ink and is positioned above the printed name and title.

John R. Baza  
Petroleum Engineer

ldc

cc: B.L.M. - Vernal District Office

D. R. Nielson

R. J. Firth

Well file

WOI76

**GAVILAN PETROLEUM, INC.**

4455 South 700 East, Suite 303  
Salt Lake City, UT 84107  
(801) 263-8685

**RECEIVED**  
APR 12 1990

March 1, 1990

DIVISION OF  
OIL, GAS & MINING

**TO WHOM IT MAY CONCERN:**

This is to advise you that effective January 1, 1990, Gavilan Operating, Inc. and Gavilan Petroleum, Inc. have merged. Also, effective March 5, 1990, Gavilan Petroleum, Inc. has moved to a new address. Please update your records, and address all future documents to:

**GAVILAN PETROLEUM, INC.  
4455 South 700 East, Suite 303  
Salt Lake City, UT 84107**

Phone Number: (801) 263-8685

Fax Number: (801) 263-8695

For those Vendors who have previously been mailing invoices to Cochrane Resources in Vernal, UT, please continue this same procedure.

\*\*\*\*\*

**SO UTAH** is located in the same office as Gavilan Petroleum, Inc., please update your records, and address all future documents to:

**SO UTAH  
4455 South 700 East, Suite 303  
Salt Lake City, UT 84107**

✓ General →

✓ 385-236  
dec 14 →  
11

Pomco 14-8

2-11-82

<sup>Paute</sup>  
Sundry - change of oper - Pomco 14-8  
From Paute to NGC

1-5-88

Doug Thayer of Gavilan called and said  
reports for Pomco 14-8 et al should be  
- "Chg of oper Sundry

~~DT's~~  
is  
- Gavilan  
Still oper  
as per  
Meklen  
(Jay mealy)

~~DT's~~  
notes

to in it  
shows Paute (as operator) - no  
has been approved"

says Pomco 14-8 belongs to  
foreclosure - Dist and reports

cock - attorney for Paute -  
on or about 9-30-87"  
Richard Johns, attorney for Gavilan

change operator to Gavilan

8-2-89

Gavilan letter to BLMA - "attached one sundry signed by Gavilan and  
Paute showing Gavilan's purchase of Pomco 14-8 - Gavilan then sold  
Pomco 14-8 to Orbis EXim Inc 12-1-87

Pomco 14-8

2-11-82 <sup>Paute</sup> Findry - Change of oper - Pomco 14-8  
From Paute to NGC

1-5-88 Doug Thayer of Gavilan called and said  
reports for Pomco 14-8 et al should be  
mailed to Gavilan - "Chg of oper sundry  
will be mailed"

6-20-89 Note in file - hard to read - looks like it  
says "BLM still shows Paute (as operator) - no  
change of operator has been approved".

6-19-89 Letter from Paute - says Pomco 14-8 belongs to  
Gavilan - Paute in bankruptcy - Don't send reports  
to us!

7-10-89 Letter from John Maycock - attorney for Paute -  
"wells sold to Gavilan on or about 9-30-87"  
"Copy of Letter sent to Richard Johns, attorney for Gavilan"

7-20-89 DTS asked TAs to change operator to Gavilan

8-2-89 Gavilan letter to BLM - "attached one envelope signed by Gavilan and  
Paute showing Gavilan's purchase of Pomco 14-8 - Gavilan then sold  
Pomco 14-8 to Orbis EXIM Inc 12-1-87"

8-14-89

↓

10-4-89

<sup>TAS</sup> Never could ~~get~~ get ahold of Fred Leiber of Orbis  
to confirm oper. change

9-25-89

- cover ltr from Caloco - oper chg. - Sundry from Gavilan  
"oper is either Gavilan or Orbis"
- Attached Sundry - shows Gavilan as Submitting company  
~~Orbis~~ Signed by Fred Leiber  
"Orbis is considered operator" (Pomco 14-8)

effective 12-1-87

Duplicate of Gavilan sundry signed by Jay Mealy  
(8-2-89)

~~ATTN: [unclear] letter~~  
Caloco and Orbis

12-22-89

Gavilan Submitted sundry to PXA will (Pomco 14-8)



To

Tam

Date

2-5-90

Time

11:50

## WHILE YOU WERE OUT

M. DICK JOHNS - attorney

of

will send  
in materials  
TAS - called  
him

Phone

521-3200

Area Code

Number

Extension

TELEPHONED		PLEASE CALL	<input checked="" type="checkbox"/>
CALLED TO SEE YOU		WILL CALL AGAIN	<input type="checkbox"/>
WANTS TO SEE YOU		URGENT	<input type="checkbox"/>

RETURNED YOUR CALL

Message

RE: Pomco 14-8

4301330542

GAULAN SOLD OVER  
2 yrs ago to FRED LIEBER  
WHAT DO YOU NEED FROM  
WHOM TO CHG OPER?

Operator

Vicky

OFFICE FURNITURE  
OFFICE SUPPLIES3900 CHESTER AVENUE  
BAKERSFIELD, CA 93301  
(805) 327-5101

9-25-89 1-5-90 letter - From Calaco - oper chg. - "oper is either Gavilan or Orbis"  
attached Sundry "From Gavilan" signed by Fred Lieber - V.P.  
Orbis is considered operator (Pomco 14-8)

1-5-90 { Calaco letter  
"Calaco and Orbis are working interest owners of  
East Gusher 1-2A and Pomco 14-8, Gavilan  
has not been given consent to PA wells."  
- attached Sundry - East Gusher 1-2A - Gavilan plans to PA

2-5-90 Dick Johns - attorney (for Gavilan) - called TAS - said Pomco 14-8  
was sold by Gavilan to Fred Lieber 2 yrs ago.

4-13-90 02:50 spoke w/ Louise and she will leave  
message with Berro to return my call.

4-16-90 12/31/89 Letter from Gavilan that they were  
oper was approved.  
8/1/89 received sundry from Orbis and  
Calaco BQM denied chg of oper (no  
proper bonding for inter Co. in place)  
BQM holds Gavilan oper of this well.  
per Berro thru BQM.

MAY 6 1991

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• GAVILAN PETROLEUM INC  
3030 SOUTH MAIN, STE 500  
SALT LAKE CITY UT 84115  
ATTN: BOB JEWETT

RECEIVED

JUN 13 1991

Utah Account No. N2275

Report Period (Month/Year) 4 / 91

Amended Report ☐

DIVISION OF

OIL GAS &amp; MINING

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
POMCO 14-8 4301330542 06057 09S 17E 8	GRRV	2	Operated by Cabco Energy, Inc.		
FEDERAL 1-18 4301330332 08100 09S 17E 18	DGCRK	0	0	0	0
POMCO #2 4301330505 08101 09S 17E 18	GR-WS	0	0	0	0
POMCO #4 4301330506 08102 09S 17E 17	GRRV	30	116	300	0
POMCO #5 4301330499 08104 09S 17E 17	GRRV	30	172	300	71
UTE TRIBAL #3 (RU #3) 4304715552 09304 01S 01E 28	GRRV	25	229	590	0
ROOSEVELT B2 4304731187 09307 01S 01E 20	GRRV	26	837	884	4
ROOSEVELT UNIT #9 4304731384 09308 01S 01E 28	GRRV	0	0	0	0
ROOSEVELT UNIT #10 4304731429 09309 01S 01E 21	GRRV	19	440	553	0
T C UTE 14-9A 4301331146 10420 05S 05W 14	GRRV	0	0	0	0
GAVILAN STATE #22-32 4301331168 10425 08S 16E 32	GRRV	30	291	2188	73
ROOSEVELT UNIT #12 GR 4304731427 10814 01S 01E 20	GRRV	0	0	0	0
TOTAL			2085	4815	148

Comments (attach separate sheet if necessary)

I have reviewed this report and certify the information to be accurate and complete.

Date 6/12/91

Authorized signature

Telephone 801-466-8960

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other Instructions  
on back of form)  
MAR 29 1991

P.3

Expires AUGUST 31, 1993

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRAIL NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

POMCO

9. WELL NO.

14-8

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., N. OR ALK. AND  
SURVEY OR AREA

Sec. 8, T9S-R17E

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

CALOCO ENERGY, INC.

3. ADDRESS OF OPERATOR

P.O. Box 181505 Dallas Texas 75218

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)

At surface

1980' FEL - 1980' FNL, Section 8, T9S-R17E

14. PERMIT NO.

API # 4301330542

15. ELEVATIONS (Show whether of. at, or, etc.)

5,300'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

REEL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Be advised that Caloco Energy, Inc. is considered to be the operator of well #14-8 under lease U-10760, located in the SW/4NE/4 of section 8, Township 9 South, Range 17 East, Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Bond No. BO2939

RECEIVED

JUN 26 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Vice President

DATE

3/27/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

'91-06-27 11:06 1-801-466-8928

Form 3160-5  
(November 1983)  
(Formerly 9-331)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPLICATE  
(Other instructions on reverse side)Form approved, P.2  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
2. NAME OF OPERATOR GAVILAN PETROLEUM, INC.	
3. ADDRESS OF OPERATOR 3030 South Main, Suite 500, Salt Lake City, UT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FEL - 1980' FNL, Sec. 8, T9S-R17E	
14. PERMIT NO. API #4301330542	15. ELEVATION (Show whether DF, RT, GR, etc.) 5,300'

7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME POMCO
9. WELL NO. 14-8
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 8 T9S-R17E
12. COUNTY OR PARISH DUCHESNE
13. STATE UTAH

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETION ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐CHANGE OF OPERATOR ☒

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Be advised that Caloco Energy, Inc. is considered to be the Operator of well #14-8 located in the SW/4NE/4 of section 8, Township 9 South, Range 17 East, Lease #U-10760, Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

RECEIVED

JUN 26 1991

DIVISION OF  
OIL GAS & MININGADDRESS: Caloco Energy, Inc.  
P.O. Box 181505  
Dallas, Texas 75218

Effective Date: April 15, 1991

18. I hereby certify that the foregoing is true and correct

SIGNED

*Bob Jewett*

TITLE

Production Accountant

DATE

June 26, 1991

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCR	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold)      ☐ Designation of Agent  
☐ Designation of Operator      ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-15-91)

TO (new operator) <u>CALOCO ENERGY, INC.</u>	FROM (former operator) <u>GAVILAN PETROLEUM INC.</u>
(address) <u>P. O. BOX 181505</u>	(address) <u>3030 SOUTH MAIN, STE 500</u>
<u>DALLAS, TX 75218</u>	<u>SALT LAKE CITY, UT 84115</u>
<u>JOE WALLEN</u>	<u>BOB JEWETT</u>
phone <u>( 214 ) 271-4172</u>	phone <u>(801 ) 466-8960</u>
account no. <u>N 3410</u>	account no. <u>N 2275</u>

Well(s) (attach additional page if needed):

Name: <u>POMCO 14-8/GRRV</u>	API: <u>43-013-30542</u>	Entity: <u>6057</u>	Sec <u>8</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U-10760</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 6-26-91) (Rec'd 6-26-91)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Bob Jewett w/ Gavilan will send copy of sundry rec. from Caloco.) (Rec'd 6-26-91)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- 4 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-26-91)
- 6 6. Cardex file has been updated for each well listed above.
- 7 7. Well file labels have been updated for each well listed above.
- 8 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- 9 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.
- Today's date \_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILED

1. All attachments to this form have been microfilmed. Date: June 28 1991.

## FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

10626 Btm/Vernal Approved change of operator eff. 4-15-91 (Copy of approval will be mailed ASAP.)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Expires August 31, 1985

3. LEASE DESIGNATION AND SERIAL NO.

U-10760

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

POMCO

9. WELL NO.

14-8

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 8, T9S-R17E

12. COUNTY OR PARISH 13. STATE

Duchesne Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

CALOCO ENERGY, INC.

3. ADDRESS OF OPERATOR

P.O. Box 181505, Dallas, Texas 75218 DIVISION OF

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
See also space 17 below.)  
AT SURFACE

OIL GAS & MINING

1980' FEL - 1980' FNL, Section 8, T9S-R17E

14. PERMIT NO.

API # 4301330542

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

5,300'

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Change of Operator

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

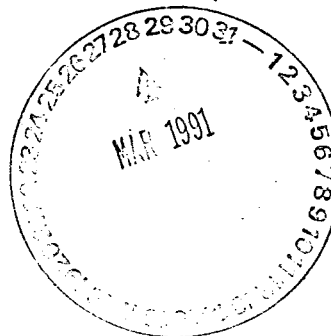
X

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Be advised that Caloco Energy, Inc. is considered to be the operator of well #14-8 under lease U-10760, located in the SW/4NE/4 of section 8, Township 9 South, Range 17 East, Duchesne County, Utah, and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by Bond No. B02939

VERNAL DIST.  
ENG. 258.44-91  
GEOL. \_\_\_\_\_  
E.S. \_\_\_\_\_  
PET. \_\_\_\_\_  
A.M. \_\_\_\_\_



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Vice President

DATE

3/27/91

(This space for Federal or State office use)

APPROVED BY

TITLE

ASSISTANT DISTRICT  
MANAGER MINERALS

DATE

APR 15 1991

\*See Instructions on Reverse Side



**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**

355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 1

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOE WALLEN  
 CALOCO ENERGY INC  
 PO BOX 181505  
 DALLAS TX 75218

**FEB 22 1994**

UTAH ACCOUNT NUMBER: N3410

REPORT PERIOD (MONTH/YEAR): 1 / 94

AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
POMCO 14-8								
4301330542	06057	09S 17E 8	GRRV		416760			
<b>TOTALS</b>								

COMMENTS: # 940224 Address & phone # (214) 271-4172 invetled, deleted from sys.  
Residing for Dept. of Commerce.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_



## State of Utah

DEPARTMENT OF COMMERCE

Division of Corporations &amp; Commercial Code

## FAX Transmission

Pages Sending: 3 (including this sheet) Date: 2 / 24 / 94

\*\*\*\*\*

To:

Lisha Cordova

Company:

Oil & Gas

Recipient Fax Number:

1-359-3940

\*\*\*\*\*

From:

Ginny

Comments:

State of Utah  
Division of Corporations  
and Commercial Code  
160 East 300 South/Box 45801  
Salt Lake City, Utah 84145-0801  
Telephone (801) 530-6024  
FAX (801) 530-6438

\*\*\*\*\*

\*

\*

\* 02/24/94

UTAH DEPARTMENT OF COMMERCE  
DIVISION OF CORPORATIONS AND COMMERCIAL CODE

08:55:51

\*

\*\*\*\*\*

CORPORATION TRANSCRIPT # 127396

PAGE: 1

BUSINESS NAME: CALOCO ENERGY, INC.  
NAME IN TEXAS:

STATUS: REVOKED ON 12/01/92-FAILURE TO FILE AN ANNUAL REPORT

SIC CODE: 1311 CRUDE PETROLEUM AND NATURAL GAS PROFIT: Y

DATE OF INCORPORATION: 08/21/1987 DATE OF LAST ANNUAL REPORT: 09/03/91

REGISTERED AGENT: DIV. OF CORP DIRECTOR  
160 E. 300 SO. 2ND FLOOR  
BOX 45801 SLC, UT 84145

## OFFICERS AND DIRECTORS

TP NAME	ADDRESS	CITY/STATE	ZIP
P CALVIN WALLEN III	P.O. BOX 181505	DALLAS, TEXAS	752
VP JOSEPH F. WALLEN	P.O. BOX 181505	DALLAS, TEXAS	752
S JOSEPH F. WALLEN	P.O. BOX 181505	DALLAS, TEXAS	752
D CALVIN WALLEN III	P.O. BOX 181505	DALLAS, TEXAS	752
D JOSEPH F. WALLEN	P.O. BOX 181505	DALLAS, TEXAS	752

ADDITIONAL OFFICERS: NO ADDITIONAL DIRECTORS: NO

## SHARE INFORMATION

CLASS	AUTHORIZED
COMMON	1,000

\*\*\*\*\*

\*

\*

\* 02/24/94

UTAH DEPARTMENT OF COMMERCE  
DIVISION OF CORPORATIONS AND COMMERCIAL CODE

08:55:58

\*

\*\*\*\*\*

CORPORATION TRANSCRIPT # 127396

PAGE: 2

BUSINESS NAME: CALOCO ENERGY, INC.

REMARKS

01 11-15-88 1988 ANNUAL REPORT RETURNED FOR AGENTS SIGNATURE. FEE PD.(KK)  
02 12-05-88 REGISTERED AGENT CHANGED <--  
03 12-05-88 REGISTERED AGENT ADDRESS CHANGED <--  
04 4-7-93 REGISTERED AGENT RESIGNED, PHILLIP WM LEAR, COMPANY HAS BEEN REVOKED  
05 NO NOTICE SENT FOR THAT REASON (JGS)

Division of Oil, Gas and Mining  
**PHONE CONVERSATION DOCUMENTATION FORM**

Route original/copy to:

☐ Well File

Pomco 14-8  
(Location) Sec 8 Twp 9S Rng 17E  
(API No.) 43-013-30542

☐ Suspense

(Return Date) \_\_\_\_\_  
(To - Initials) \_\_\_\_\_

☒ Other

Oper. Chg.

1. Date of Phone Call: 2-24-94 Time: 9:22

2. DOGM Employee (name) L. Cordova (Initiated Call ☒  
Talked to:

Name Sally (Initiated Call ☐ - Phone No. (801) 789-1362  
of (Company/Organization) Btm/Versal

3. Topic of Conversation: Oper. of well? (License 11-10760)

4. Highlights of Conversation:

Oper. of well still considered to be Caloco, however PGE will be  
assuming operatorship. No doc. has been received as of yet.  
Btm has however been in contact with PGE and expect change  
soon.

\* 940224 Caloco / Unable to locate (Deleted P.O. Box 181505 & phone # from  
system - invalid).

\* 940224 Dept. of Commerce - Caloco's license revoked 12/92 (see attached)

\* 940224 PGE / msg. (9:21) - Jerry Anderson will submit sundries  
to DOGM & Btm ASAP.

March 22, 1994

MAR 24 1994

DIV. OF OIL, GAS & MINING



U. S. Department of the Interior  
Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Attn: Mr. Ed Forsman

Re: Lease #U-10760  
POMCO #14-8 Well  
Duchesne County, Utah

43-013-30542

Dear Mr. Forsman:

Per our telephone conversation this date, please find enclosed an original and (3) copies of Form 3160-5 Sundry Notice reflecting a change of operator for the above captioned well.

If additional information is needed for your approval of same please advise.

Sincerely,

Rejahna Barrow  
Sr. Proration Analyst  
(214) 750-3120

RB:ah

cc: ✓ Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, UT 84180-1203

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAR 24 1994  
DIV. OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Suite 1000, Dallas, TX 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL of Section 8, T9S, R17E, S.L.B. & M.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

POMCO #14-8

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that PG&E Resources Company is responsible for and has assumed operations of the above well pursuant to the terms and conditions of Federal Lease #U-10760 and operating rights thereof covering the SW/4 of the NE/4 of Section 8, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, and containing 40 acres, more or less.

Bond coverage for this well is provided by Bond No. U-187011.

cc: ☒ State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining

14. I hereby certify that the foregoing is true and correct

Signed

Rajanna Barrow Title Sr. Proration Analyst

Date 3/21/94

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

6688 N. Central Expressway, Suite 1000, Dallas, TX 75206-3922

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL of Section 8, T9S, R17E, S.L.B. & M.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

POMCO #14-8

9. API Well No.

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Please be advised that PG&E Resources Company is responsible for and has assumed operations of the above well pursuant to the terms and conditions of Federal Lease #U-10760 and operating rights thereof covering the SW/4 of the NE/4 of Section 8, Township 9 South, Range 17 East, S.L.M., Duchesne County, Utah, and containing 40 acres, more or less.

Bond coverage for this well is provided by Bond No. U-1870111,

cc: State of Utah  
Department of Natural Resources  
Division of Oil, Gas & Mining

VERNAL DIST.

ENG. 2143-

GEOL. \_\_\_\_\_

E.S. \_\_\_\_\_

PET. \_\_\_\_\_

A.M. \_\_\_\_\_

**COPY**

RECEIVED

MAR 24 1994

14. I hereby certify that the foregoing is true and correct

Signed

Title Sr. Proration Analyst

Date 3/21/94

(This space for Federal or State office use)

Approved by

Title

ASSISTANT DISTRICT  
PRORATION ANALYST

Date

APR 28 1994

Conditions of approval, if any:



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

Routing:

1-LEC	7-SJ	✓
2-DT	8-FILE	✓
3-VLC		✓
4-RJF		✓
5-LEC		✓
6-PL		✓

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-28-94)

TO (new operator) PG&E RESOURCES COMPANY  
 (address) 6688 N CENTRAL EXP #1000  
DALLAS, TX 75206-3922  
JERRY ANDERSON  
 phone ( 214 ) 750-3800  
 account no. N 0595

FROM (former operator) CALOCO ENERGY INC  
 (address) (NO LONGER EXISTS)  
 phone ( )  
 account no. N 3410

Well(s) (attach additional page if needed):

Name: <u>POMCO 14-8/GRRV</u>	API: <u>43-013-30542</u>	Entity: <u>6057</u>	Sec. <u>8</u> Twp <u>9S</u> Rng <u>17E</u>	Lease Type: <u>U10760</u>
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____ Twp _____ Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (See attached)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 2-24-94) (Rec'd 3-24-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_.
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (5-12-94)
- Sup 6. Cardex file has been updated for each well listed above. (5-12-94)
- Sup 7. Well file labels have been updated for each well listed above. (5-12-94)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (5-12-94)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- Lee* 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A* 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (Fee wells only)

- N/A* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Lee* 2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_\_. Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- STC*  
*5/13/94*
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- ✓* 1. All attachments to this form have been microfilmed. Date: May 18 1994.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

*9/6/12 Bm/Vernal Approved 4-28-94.*

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 5

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

PRODUCTION DEPT  
PG&E RESOURCES COMPANY  
6688 N CENTRAL EXP #1000  
DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N0595REPORT PERIOD (MONTH/YEAR): 8 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1								
4301330587	00451	09S 17E 19	GRRV			✓ U13905		
✓ CASTLE PEAK FEDERAL 43-5								
4301330858	02043	09S 16E 5	GR-WS			U034217A	(wells draw GRRV unit)	
✓ <del>DEVIL'S PLAYGROUND 32-31W</del>								
4304731010	06047	09S 24E 31	MVRD	TA		✓ U9215	(Rec'd 10-21-94)	* Paid 10-24-94
✓ POMCO 14-8								
4301330542	06057	09S 17E 8	GRRV			✓ U10760		
✓ FEDERAL 11-9-H								
4301330887	06058	09S 17E 9	GRRV			✓ U50750		
✓ FED NGC 31-8H								
21330679	06075	09S 17E 8	GRRV			✓ U10760		
✓ NGC 41-8H								
4301330741	06085	09S 17E 8	GRRV			✓ "		
✓ FED 41-30								
4301330601	06095	09S 17E 30	GRRV			✓ U11385		
✓ NGC 12-4G								
4301330699	06100	09S 16E 4	GRRV			✓ U30096	(wells draw GRRV unit)	
✓ NGC FED 21-5G								
4301330698	06105	09S 16E 5	GRRV			✓ "	(wells draw GRRV unit)	
✓ FEDERAL 23-5-G								
4301331207	06105	09S 16E 5	GRRV			✓ "	(wells draw GRRV unit)	
✓ NGC FED 32-5G								
4301330670	06110	09S 16E 5	GRRV			✓ "	(wells draw GRRV unit)	
✓ FEDERAL 42-4								
4301330638	06115	09S 16E 4	GRRV			✓ "	(wells draw GRRV unit)	
TOTALS								

COMMENTS:

\* Wells Draw GRRV Unit eff. 4/94

\* West Willow Creek Unit eff. 10/94

\* Inj. Wells (WIC F5)

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

DALEN Resources  
Oil & Gas Co.



October 5, 1994

OCT 11

Lisha Romero  
State Oil & Gas Office  
3 Triad Center  
Salt Lake City, Utah 84180-1203

Re: Company Name Change

Dear Ms. Romero:

PG&E Resources Company changed its name to DALEN Resources Oil & Gas Co. We are requesting a blanket change for all of PG&E Resources Company's properties to:

DALEN Resources Oil & Gas Co.  
6688 N. Central Expressway, Suite 1000  
Dallas, Texas 75206-3922

This change is effective October 1, 1994 for all records and reports filed in all districts throughout the state of Utah. I have included a listing of our Utah properties.

Also enclosed is a copy of the Certificate of the Secretary of State of Delaware regarding the name change to DALEN Resources Oil & Gas Co.

If you have any questions regarding this matter, please contact me at (214) 706-3678.

Sincerely,

A handwritten signature in cursive script that reads "Jim Johnson".

Jim Johnson  
Regulatory Analyst

JJ/sw  
Enclosures

cc: Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, Utah 84078

*State of Delaware*  
*Office of the Secretary of State*

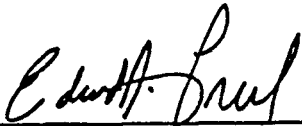
---

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PG&E RESOURCES OFFSHORE COMPANY", A DELAWARE CORPORATION, WITH AND INTO "PG&E RESOURCES COMPANY" UNDER THE NAME OF "DALEN RESOURCES OIL & GAS CO.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINETEENTH DAY OF SEPTEMBER, A.D. 1994, AT 1:30 O'CLOCK P.M.

A CERTIFIED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS FOR RECORDING.



  
\_\_\_\_\_  
Edward J. Freel, Secretary of State

2261176 8100M

944175519

AUTHENTICATION:

7242629

DATE:

09-19-94

**CERTIFICATE OF OWNERSHIP  
AND MERGER**

**MERGING**

**PG&E Resources Offshore Company  
a Delaware corporation**

**INTO**

**PG&E Resources Company  
a Delaware corporation**

**(Pursuant to Section 253 of the General Corporation  
Law of the State of Delaware)**

PG&E Resources Company, a corporation duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware ("Resources"), does hereby certify:

**FIRST:** That Resources and PG&E Resources Offshore Company ("Offshore") are corporations duly organized and existing under and by virtue of the General Corporation Law of the State of Delaware.

**SECOND:** That Resources owns all of the outstanding shares of the capital stock of Offshore.

**THIRD:** That the board of directors of Resources adopted the following resolutions by unanimous written consent on September 16, 1994, and that such resolutions have not been rescinded and are in full force and effect on the date hereof:

**"RESOLVED,** that PG&E Resources Offshore Company, a Delaware corporation ("Offshore"), which is a wholly-owned subsidiary of Resources, merge with and into Resources pursuant to Section 253 of the General Corporation Law of the State of Delaware (the "Merger"), effective as of 9:00 A.M., Wilmington, Delaware time, on October 1, 1994, and that Resources assume all of the obligations of Offshore at such time;

**RESOLVED,** that upon the effective time of the Merger the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co."; and

**RESOLVED,** that the President or any Vice President of Resources are hereby authorized and empowered to file with the Secretary of State of the State of Delaware a certificate of ownership and merger to effect the Merger and the name change of the surviving corporation, and the appropriate officers of Resources are hereby authorized to incur the necessary expenses therefor and to take, or cause to be taken, all such further action and to execute and deliver

or cause to be executed and delivered, in the name of and on behalf of Resources, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of Resources (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

FOURTH: This Certificate shall not be effective upon its filing date, but shall become effective at 9:00 A.M., Wilmington, Delaware time, on October 1, 1994 (the "Effective Date").

FIFTH: Upon the Effective Date, the name of the surviving corporation shall be changed to "DALEN Resources Oil & Gas Co.".

IT WITNESS WHEREOF, Resources has caused this Certificate to be signed by its duly authorized officer this 19th day of September 1994.

PG&E RESOURCES COMPANY

By Joseph T. Williams  
Name: Joseph T. Williams  
Title: President

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

OCT 14 1994

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL  
Section 8, T9S-R17E S.L.B. & M.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Wildcat

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change Well Name & No.,  
and Operator Change  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

PG&E Resources Requests approval to change the Pomco 14-8 to the Federal 32-8H in order to conform to our other wells in the area .  
Also please change the operator name to DALEN Oil & Gas Resources Co. effective 10/01/94.

14. I hereby certify that the foregoing is true and correct

Signed

*Candy B. Keister*

Title Supervisor Regulatory Compliance

Date 10/11/1994

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



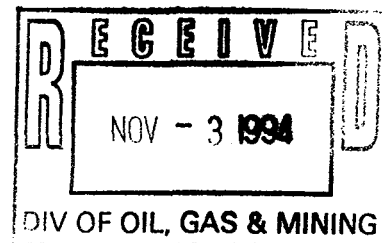
DALEN Resources  
Oil & Gas Co.



October 31, 1994

Kent E. Johnson  
Vice President  
Exploration/Development

STATE OF UTAH NATURAL RESOURCES  
OIL & GAS MINING  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
Attn: Gil Hunt



Re: Name Change  
PG&E Resources Company

Gentlemen:

Effective October 1, 1994, PG&E Resources Company (PG&ER) changed its name to **DALEN** Resources Oil & Gas Co. As a result of this action, all activities previously conducted in the name of PG&E Resources Company will subsequently be conducted by **DALEN** Resources Oil & Gas Co.. No changes in ownership, personnel, office address, telephone numbers, or business practices were caused by this name change.

Please revise your records by replacing PG&E Resources Company or PG&E Resources Offshore Company with **DALEN** Resources Oil & Gas Co.

Very truly yours,

A handwritten signature in cursive script that reads "John R. Wingert".

John R. Wingert  
Exploration Manager  
Northern Division

JRW:lkd

Bureau of Land Management  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

3100  
U-01470A  
(UT-923)

NOV 29 1994

CERTIFIED MAIL---Return Receipt Requested

DECISION

DALEN Resources Oil & Gas Co.	:	
6688 N. Central Expwy., #1000	:	Oil and Gas
Dallas, Texas 75206	:	U-01470A et al

Corporate Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of PG&E Resources Company to DALEN Resources Oil & Gas Co. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this decision. If additional documentation for changes of operator are required by our field offices, you will be contacted by them.

A rider to the Nationwide Bond No. U1870111 (BLM Bond No. WY2554) has been filed in the Wyoming State Office, in order to change the name of the principal on the bond. It has been examined and found to be satisfactory by that office.

/s/ ROBERT LOPEZ

Chief, Minerals  
Adjudication Section

Enclosure  
Exhibit

bc: Moab District Office w/encl.  
Vernal District Office w/encl.  
MMS-Data Management Division, Denver  
UT-922 (Teresa Thompson) w/encl.

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 2
To	LISHA CARDOUR	From
Co.	STATE OF UTAH	Co.
Dept.	OIL & GAS	Phone #
Fax #	359-3940	Fax #
		539-4260

CMerritt:dab 11/25/94 (U01470A)

List of Leases Affected

U-01470A	U-6632	UTU-65615	UTU-68631
U-01790	U-6634	UTU-66004	UTU-69024
U-02896A	U-7206	UTU-66027	UTU-69166
U-03505	U-10291	UTU-66033	UTU-69482
U-03576	U-10760	UTU-66184	UTU-69744
U-013429A	U-11385	UTU-66185	UTU-72104
U-013765	U-12942	UTU-66187	UTU-73087
U-013766	U-13905	UTU-66193	UTU-73089
U-013767	U-14236	UTU-66484	UTU-73433
U-013769	U-15392	UTU-66743	UTU-73512
U-013769A	U-16172	UTU-67168	U-47453 ROW
U-013769B	U-16535	UTU-67841	U-49204 ROW
U-013769C	U-16539	UTU-67857	U-49205 ROW
U-013792	U-16544	UTU-67996	U-49223 ROW
U-013793	U-17036	UTU-67997	U-49236 ROW
U-013793A	U-17424	UTU-68108	U-49243 ROW
U-013794	U-19267	UTU-68109	U-50487 ROW
U-013818A	U-30096	UTU-68316	U-50488 ROW
U-013820	U-39221	UTU-68328	U-50497 ROW
U-013821A	U-39713	UTU-68330	U-50806 ROW
U-017713	U-39714	UTU-68338	U-50809 ROW
U-035316	U-40026	UTU-68346	U-50825 ROW
U-037164	U-46825	UTU-68347	U-50833 ROW
U-0141644	U-47171	UTU-68348	U-53910 ROW
U-0143519	U-49092	UTU-68388	U-54803 ROW
U-0143520A	U-50750	UTU-68402	U-61946 ROW
U-0143521A	U-52765	UTU-68544	U-63969 ROW
U-0147541	U-55626	UTU-68548	UTU-69111 ROW
U-0147541A	U-58546	UTU-68619	
U-2838	U-61052	UTU-68624	
U-6610	U-61189	UTU-68625	
U-6612	U-62657	UTU-68626	
U-6615	UTU-65218	UTU-68627	

U-034217A \*Confirmed BLM/SL  
11-29-94. Jec

Division of Oil, Gas and Mining  
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1	JEC/GIL
2	LWP 7-PL
3	DTF 8-SJ
4	YLC 9-FILE
5	RJF
6	LWP

☒ Change of Operator (~~well sold~~)

☐ Designation of Agent

☐ Designation of Operator

☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 10-1-94)

TO (new operator) **DALEN RESOURCES OIL & GAS CO.** FROM (former operator) **PG&E RESOURCES COMPANY**  
(address) **6688 N CENTRAL EXP STE 1000** (address) **6688 N CENTRAL EXP STE 1000**  
**DALLAS TX 75206-3922** **DALLAS TX 75206-3922**

phone ( 214 ) 750-3800  
account no. N3300 (11-29-94)

phone ( 214 ) 750-3800  
account no. N0595

Well(s) (attach additional page if needed):

**\*WELLS DRAW (GRRV) UNIT**

**\*WEST WILLOW CREEK UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>013-30542</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 10-3-94)
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 10-3-94)
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) \_\_\_\_ If yes, show company file number: #FN001519. "Dalen Resources Corp." eff. 6-15-94.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (11-29-94)
- Sup 6. Cardex file has been updated for each well listed above. 12-7-94
- Sup 7. Well file labels have been updated for each well listed above. 12-8-94
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (11-29-94)
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (~~Fee wells only~~)

*Surety U1870145/80,000. "Rider to Dater" rec'd 10-3-94.  
\* Trust Land/Ed "Rider" Appr. 10-5-94 # U2164274/80,000.*

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new <sup>*Upon compl. of routing.*</sup> and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no.  
N/A Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

- Yes 2. Copies of documents have been sent to State Lands for changes involving State leases.  
*2/8/94 to Ed Bonn*

## FILMING

- Yes 1. All attachments to this form have been microfilmed. Date: December 15 1994.

## FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## COMMENTS

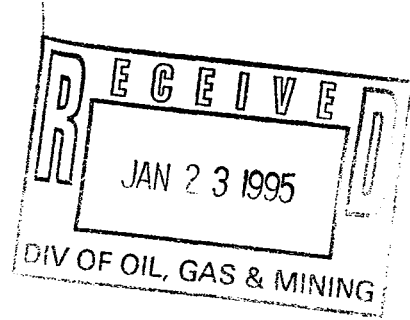
*941108 Btm/LS. Not Appr. yet!*

*941125 " Appr. 'd.*

DALEN Resources  
Oil & Gas Co.



January 20, 1995



Bureau of Land Management  
Vernal District Office  
170 South 500 East  
Vernal, UT 84078

Attention: Ms. Margie Herman

RE: Federal 24-34D  
Federal 33-9H  
Pomco 14-8  
Duchesne & Uintah Counties, Utah

Dear Ms. Herman:

In reference to our telephone conversation of January 19, 1995, I have enclosed sundries for the referenced wells. The sundries for the Federal 24-34D and Federal 33-9H name DALEN Resources as the new operator and the sundry for the ~~Pomco 14-8~~ requests that the well name be changed to the Federal 32-8H. I have also requested Hot Rod Oil Company to submit sundries relinquishing themselves as operator of the Federal 24-34D and Federal 33-9H.

If you have any questions or need further information, please contact the undersigned at 214/706-3640.

Very truly yours,

A handwritten signature in cursive script, reading "Cindy R. Keister".

Cindy R. Keister  
Supervisor Regulatory Compliance  
Northern Production Division

CRK/ck

Attachments

cc: Utah Division Oil, Gas & Mining  
Regulatory File  
Central File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

JAN 23 1995

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)

1980' FEL & 1980' FNL

Section 8, T9S-R17E S.L.B. & M.

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other Change Well Name & No ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DALEN Resources requests approval to change the Pomco 14-8 to the Federal 32-8H in order to conform to our other wells in the area .

14. I hereby certify that the foregoing is true and correct

Signed

*Cindy B. Beister*

Title Supervisor Regulatory Compliance

Date 01/20/1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
FEB - 8 1995

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

U-10760

Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL  
Section 8, T9S-R17E S.L.B. & M.

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment ☐ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☒ Other Add perforations ☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DALEN Resources requests approval to add perforations in the Lower "A" section of the Green River formation as shown on the attached procedure.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct

Signed

Title Supervisor Regulatory Compliance

Date

02/06/1995

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM



# **PROCEDURE:**

1. MIRU W/S UNIT.
2. POH W/R & P.
3. INST DOUBLE 5000# BOP'S.
4. POH W/2-7/8" PROD TBG.
5. HES PERF LOWER "A"SAND AS SHOWN BELOW USING 4"CSG GUN, .42"DIAM HOLE, 22 GM CHG.  
20" TTP BEREAS:

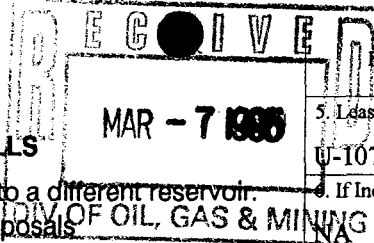
4148'/60'	2 S/F	90°	24 HOLES
4168 /70'	4 S/F	90°	8 HOLES
6. GIH W/MILLER MOD "C"RBP AND RETRIEVAMATIC PKR ON 2-7/8" TBG; DROP SV AND TEST TBG TO 4500' PSI; PULL SV.
7. SET RBP AT 4250' AND TEST; SPOT 2 SX SAND ON BP STINGER.
8. SET PKR AT 4100'.
9. RU D/S TO PUMP DOWN TBG W/10,000 GAL OF \*\*HTD AND FILTERED 3% WATER W/CLA STA AND SURFACTANT ADDITIVES AND 200 7/8" 1.31 S.G. BALL SEALERS.  
\*\* HEAT WATER TO 120°F.
  - \* BACK UP CSG TO 500# AND MONITOR PRESSURE DURING JOB (WATCH FOR COMMO).
  - \* TREAT AT 35 BPM X EST 3500 PSI.
  - \* START WATER AND PUMP 1000 GAL THEN DROP 1 BALL/BBL IN LAST 9000 GALS OF WATER.
  - \* TREAT TO GET GOOD BALL ACTION.
  - \* MX TP - 4500 PSI.
10. RET RBP AND POH W/RBP AND PKR.
11. RUN 2-7/8" PROD TBG.
12. ND BOP'S.
13. NU WHD.
14. RUN R & P AND TEST.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals.



FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

DALEN Resources Oil & Gas Co.

3. Address and Telephone No.

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL

Section 8, T9S-R17E S.L.B. & M.

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Pleasant Valley

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Add perforations  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log from.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

DALEN Resources added perforations from 4148' - 4160' in the Lower "A" section of the Green River formation as shown on the attached report.

14. I hereby certify that the foregoing is true and correct

Signed Cindy B. Lester Title Supervisor Regulatory Compliance

Date 03/01/1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH BOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## WELL HISTORY

### Federal 32-8H

Pleasant Valley Prospect

Duchesne County, Utah

(DALEN Resources Company Operated)

- 02-09-95 MIRU W/S unit. Unseat pump. Flush rods with hot 3% KCl water. ND wellhead, installed double 5,000 psi BOP's. POOH with 2-7/8", 6.5 lb J55 tbg with slim hole collars. HES ran GR and collar locator strip correlated with compensated densilog, compensated neutron, 2-24-80. Perf lower "A" sand with 4" csg gun, .42" diameter hole, 22 gram charge, 20" FTP. 4,148-60', 2 S/F, 90° phase, 24 holes, 4,168'-70', 4 S/F, 90° phase, 8 holes, total 32 holes. SDFN.
- 02-10-95 RIH with Miller RBP and tension pkr on 2-7/8" tbg. Set RBP at 4,230', test to 2,500 psi, OK. set pkr at 4,069', drop SV and test tbg to 4,500 psi, held 15 mins, ok. Retrieve SV, set pkr at 4,069', fill backside with filtered 3% KCl water., press test BS to 500 psi, held ok. Spot 2 sxs sand on RBP stinger. D/S pumped down tbg with 10,000 gals of 120° filtered 3% KCl water with CLA STA, surfactant, friction reducer and biocide, with 200 7/8" 1.315 CBS. Max rate 20 B/M at 3,300 psi. Pumped total 97 bbls with 1 ball per bbl with very good ball action, final rate 2 B/M at 4,500 psi. Surged off balls. SDFN.
- 02-11-95 POOH with tbg and pkr. WIH with BP retrieving tool. Circ ball sealers and sand off BP. Latch same and POOH. WIH with 2-7/8" production string, and RU to swab. Start to swab, tag fluid level at 1,300', swab total of 71 bbls load water, (203 BLWTR) (Fluid level at 2,700' and pull from 4,600'). SDFN.
- 02-12-95 Start swab'g, tag fluid level at 3,000'. Swab total of 100 bbls load water (97 BLWTR). Getting strong oil show, stop swabbing. Prep to POP. Try to set tbg. Anchor would not set. POOH to change out anchor. Slips stuck with junk. ND BOP's, landed tbg. (TS at 5,622'). SWIFN.
- 02-13-95 Ran rod and pump, hung off rods to pump'g unit and pumped up, tested pump to 500 psi, start pumping, RR.
- 02-14-95 20 hrs, 27 BO, 73 BLW.
- 02-15-95 6 BO, 9 BW.
- 02-16-95 29 hrs, 7 BO, 12 BW.

## WELL HISTORY

### Federal 32-8H

Pleasant Valley Prospect

Duchesne County, Utah

(DALEN Resources Company Operated)

02-17-95      21 hrs, 10 BO, 2 BW.

02-18-95      24 hrs, 43 BO, 60 BW

**ENSERCH  
EXPLORATION** INC

4849 Greenville Ave., Suite 1200  
Dallas, Texas 75206-4186  
214/369-7893

January 11, 1996

Bureau of Land Management  
Utah State Office  
324 South State  
Salt Lake City, UT 84111

Attention: Mr. Chris Merritt

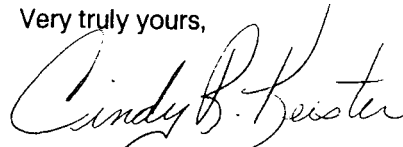
RE: Operator Name Change

Dear Mr. Merritt:

DALEN Resources Oil & Gas Co. has been merged into Enserch Exploration, Inc. effective January 1, 1996. Attached is a list of the properties that were operated by DALEN Resources and a copy of the Certificate of Merger from the Secretary of the State of Texas. Please change the operator name on these properties. Enserch Exploration, Inc. operates under Nationwide Bond No. 203826, BLM assigned No. MT-0680.

If you have any questions or need further information, please contact the undersigned at (214) 987-6363.

Very truly yours,



Cindy R. Keister  
Regulatory Compliance Specialist

CRK/ck

Attachments

cc: Vernal BLM Office w/attachments

UTAH WELLS  
ENSERCH EXPLORATION, INC.

1/11/96

UNIT	WELL		LSE NO.	API NO.	QTR	SEC.	TWN	RANGE	COUNTY
*	Federal	11- 4G	U-30096	✓ 43-013-31250	NW NW	4	9S	16E	Duchesne
*	Federal	12- 4G	U-30096	✓ 43-013-3699	SW NW	4	9S	16E	Duchesne
✓ *	Federal	21- 4G	U-30096	✓ 43-013-31272	NE NW	4	9S	16E	Duchesne
*	Federal	31- 4G	U-30096	✓ 43-013-31228	NW SE	4	9S	16E	Duchesne
*	Federal	42- 4G	U-30096	✓ 43-013-30638	SE NE	4	9S	16E	Duchesne
*	Federal	21- 5G	U-30096	✓ 43-013-30698	NE NW	5	9S	16E	Duchesne
*	Federal	22- 5G	U-30096	✓ 43-013-31273	SE NW	5	9S	16E	Duchesne
*	Federal	23- 5G	U-30096	✓ 43-013-31207	NE SW	5	9S	16E	Duchesne
*	Federal	31- 5G	U-30096	✓ 43-013-31252	NW NE	5	9S	16E	Duchesne
✓ *	Federal	32- 5G	U-30096	✓ 43-013-30670	SW NE	5	9S	16E	Duchesne
✓ *	Federal	41- 5G	U-30096	✓ 43-013-31205	NE SW	5	9S	16E	Duchesne
*	Federal	43- 5G	U-034217-A	✓ 43-013-30858	NE SE	5	9S	16E	Duchesne
*	Federal	13- 33B	U-49092	✓ 43-013-31277	NW SW	33	8S	16E	Duchesne
✓ *	Federal	14- 33B	U-49092	✓ 43-013-31229	SW SW	33	8S	16E	Duchesne
*	Federal	23- 33B	U-49092	✓ 43-013-31251	NE SW	33	8S	16E	Duchesne
*	Federal	24- 33B	U-49092	✓ 43-013-31214	SE SW	33	8S	16E	Duchesne
*	Federal	33- 33B	U-49092	✓ 43-013-31268	NW SE	33	8S	16E	Duchesne
✓ *	Federal	34- 33B	U-49092	✓ 43-013-31269	SW SE	33	8S	16E	Duchesne
✓ *	Federal	43- 33B	U-49092	✓ 43-013-31240	NE SE	33	8S	16E	Duchesne
*	Federal	44- 33B	U-49092	✓ 43-013-31270	SE SE	33	8S	16E	Duchesne
*	Federal	13- 34B	U-47171	✓ 43-013-31271	NW SW	34	8S	16E	Duchesne
✓ *	Federal	14- 34B	U-47171	✓ 43-013-31225	SW SW	34	8S	16E	Duchesne
*	Federal	23- 34B	U-47171	✓ 43-013-31241	NE SW	34	8S	16E	Duchesne
**	Federal	14- 4	U-07978	✓ 43-013-30671	SW SW	4	9S	17E	Duchesne
**	Federal	34- 5	UTU-72108	✓ 43-013-30721	SW SE	5	9S	17E	Duchesne
**	Federal	44- 5	UTU-72108	✓ 43-013-30913	SE SE	5	9S	17E	Duchesne
**	Federal	12- 8H	U-10760	✓ 43-013-30680	SW NW	8	9S	17E	Duchesne
**	Federal	21- 8H	U-10760	✓ 43-013-31460	NE NW	8	9S	17E	Duchesne
**	Federal	22- 8H	U-10760	✓ 43-013-31457	SE NW	8	9S	17E	Duchesne
**	Federal	31- 8H	U-10760	✓ 43-013-30679	NW NE	8	9S	17E	Duchesne
**	Federal	32- 8H	U-10760	✓ 43-013-30542	SW NE	8	9S	17E	Duchesne
**	Federal	41- 8H	U-10760	✓ 43-013-30741	NE NE	8	9S	17E	Duchesne
**	Federal	42- 8H	U-10760	✓ 43-013-30678	SE NE	8	9S	17E	Duchesne
	Federal	24- 15H	U-10760	✓ 43-013-30681	SE SW	15	9S	17E	Duchesne
**	Federal	11- 9H	U-50750	✓ 43-013-30887	NW NW	9	9S	17E	Duchesne
**	Federal	12- 9H	U-50750	✓ 43-013-30983	SW NW	9	9S	17E	Duchesne
**	Federal	13- 9H	U-50750	✓ 43-013-30656	NW SW	9	9S	17E	Duchesne
**	Federal	14- 9H	U-50750	✓ 43-013-31459	SW SW	9	9S	17E	Duchesne
	Federal	32-29	U-19267	✓ 43-047-31175	SWNE	29	9S	18E	WINSTON

30699  
W/W

30698

W/W

W/W

W/W

W/W

W/W

W/W

ORL

POW

**United States Department of the Interior  
BUREAU OF LAND MANAGEMENT**

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

FEB 12 1996

IN REPLY REFER TO:  
3100  
U-01470A et al  
UT-923

FEB 09 1996

NOTICE

Enserch Exploration, Inc. : Oil and Gas  
4849 Greenville Ave., Suite 1200 : U-01470A et al  
Dallas, Texas 75206-4186 :

Merger Recognized

Acceptable evidence has been filed in this office concerning the merger of DALEN Resources Oil & Gas Co. into Enserch Exploration, Inc. with Enserch Exploration, Inc. being the surviving entity.

For our purposes, the merger is recognized effective December 31, 1995 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the merger. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field offices, you will be contacted by them.

If you identify other leases in which the merging entity maintains an interest, please contact this office and we will appropriately document those files with a copy of this notice.

By recognition of the merger, the principal/obligor is automatically changed by operation of law from DALEN Resources Oil & Gas Co. to Enserch Exploration, Inc. on Bond No. U1870111 (BLM Bond No. WY2554). This is a nationwide bond held in the Wyoming State Office. Enserch Exploration, Inc. has a nationwide bond, No. 203826 (BLM Bond No. MT0680) on file in the Montana State Office. Only one of the bonds is required to cover liabilities for lease obligations. However, both bonds will remain in effect until the principal/obligor advises the appropriate BLM State Office which bond it wishes to maintain and which bond it wishes to have the period of liability terminated. A rider, assuming any and all liabilities of the bond you wish to terminate must be submitted for approval to the appropriate BLM State Office. If you have any questions concerning the bonding, please contact Irene Anderson at (801) 539-4108.

/s/ ROBERT LOPEZ

Chief, Branch of Mineral  
Leasing Adjudication

Enclosure

1. Exhibit (1p)

bc: State of Utah, Division of Oil, Gas & Mining, Attn: Lisha Cordova,  
3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1204  
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217  
Moab District Office  
Vernal District Office  
Teresa Thompson (UT-920)  
Irene Anderson (UT-923)

### Exhibit of Leases

U-01470A	U-0143521A	U-52765	UTU-68328
U-01790	U-0147541	U-55626	UTU-68330
U-02896A	U-0147541A	U-58546	UTU-68338
U-03505	U-2838	U-61052	UTU-68346
U-03576	U-7206	U-61189	UTU-68347
U-013429A	U-10291	U-62657	UTU-68348
U-013765	U-10760	UTU-65218	UTU-68388
U-013766	U-11385	UTU-65472	UTU-68402
U-013767	U-13905	UTU-65615	UTU-68544
U-013769	U-14236	UTU-65949	UTU-68548
U-013769A	U-15392	UTU-66004	UTU-68619
U-013769B	U-16535	UTU-66027	UTU-68624
U-013769C	U-16539	UTU-66033	UTU-68625
U-013792	U-16544	UTU-66184	UTU-68626
U-013793	U-17036	UTU-66185	UTU-68627
U-013793A	U-17424	UTU-66193	UTU-68631
U-013794	U-19267	UTU-66484	UTU-69024
U-013818A	U-30096	UTU-66743	UTU-69166
U-013820	U-39221	UTU-67168	UTU-69482
U-013821A	U-39713	UTU-67841	UTU-72104
U-017713	U-39714	UTU-67857	UTU-73087
U-035316	U-40026	UTU-67996	UTU-73089
U-037164	U-47171	UTU-67997	UTU-73433
U-0141644	U-49092	UTU-68108	UTU-73512
U-0143519	U-50750	UTU-68109	UTU-74805
U-0143520A	U-51081	UTU-68316	UTU-74806
U-034217A	U-07978	UTU-72108	UTU-74872

Wells Draw Unit (UTU-72613A)  
West Willow Creek Unit (UTU-73218X)  
Pleasant Valley Unit (UTU-74477X)





# The State of Texas

## SECRETARY OF STATE CERTIFICATE OF MERGER

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of Merger of

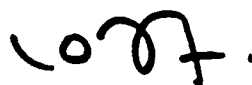
DALEN CORPORATION  
a Delaware no permit corporation  
with  
ENSERCH EXPLORATION, INC.  
a Texas corporation

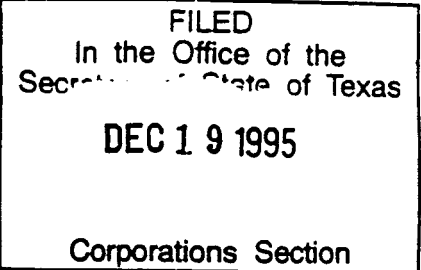
have been received in this office and are found to conform to law. ACCORDINGLY, the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law, hereby issues this Certificate of Merger.

Dated December 19, 1995.

Effective December 31, 1995 04:55 PM



  
\_\_\_\_\_  
Antonio O. Garza, Jr.  
Secretary of State

**ARTICLES OF MERGER OF****DALEN Corporation****INTO****Enserch Exploration, Inc.**

Pursuant to the provisions of Article 5.16 of the Texas Business Corporation Act, Enserch Exploration, Inc., a corporation organized under the laws of the State of Texas ("Parent Corporation"), and owning at least ninety percent of the shares of DALEN Corporation, a corporation organized under the laws of the State of Delaware ("Subsidiary Corporation"), hereby executes the following Articles of Merger:

1. The name of the Parent Corporation is Enserch Exploration, Inc. The name of the Subsidiary Corporation is DALEN Corporation. Enserch Exploration, Inc. is incorporated in Texas, and DALEN Corporation is incorporated in Delaware.

2. The following is a copy of resolutions of the Board of Directors of Enserch Exploration, Inc. or Parent Corporation ("Enserch") adopted on December 5, 1995:

"WHEREAS Section 5.16 of the Texas Business Corporation Act permits short-form mergers if the subsidiary is a foreign corporation and the parent is a Texas corporation, provided that this procedure is permitted by the laws of the foreign corporation's jurisdiction of incorporation and

"WHEREAS Section 253 of the General Corporation Law of Delaware provides for short-form mergers between a domestic subsidiary corporation and a foreign parent corporation,

"RESOLVED, That DALEN Corporation, a Delaware corporation ('DALEN'), which is a wholly-owned subsidiary of Enserch, merge with and into Enserch Exploration, Inc. pursuant to Section 5.16 of the Texas Business Corporation Act (the 'Merger'), effective as of 4:55 P.M., Dallas, Texas time, on December 31, 1995, and that Enserch Exploration, Inc. assume all of the obligations of DALEN at such time; and

"FURTHER RESOLVED, That the proper officers of this Company are hereby authorized and empowered to file with the Secretary of State of the State of Texas Articles of Merger and with the Secretary of State of Delaware a Certificate of Ownership and Merger to effect the Merger of DALEN into this Company and to take, or cause to be taken, all such further action and to execute and deliver or cause to be executed and delivered, in the name of and on behalf of this Company, all such further instruments and documents as any such officer may deem to be necessary or advisable in order to effect the purpose and intent of the foregoing resolutions and to be in the best interests of this Company (as conclusively evidenced by the taking of such action or the execution and delivery of such instruments and documents, as the case may be, by or under the direction of any such officer)."

3. The number of outstanding shares of each class of the Subsidiary Corporation and the number of shares of each class owned by the surviving Parent Corporation is:

Company	Class	No. of Shares Outstanding	No. of Shares Owned by Parent Corporation
Subsidiary Corporation	Common	100	100

4. The laws of Delaware, the jurisdiction under which Subsidiary Corporation is organized, permit such a merger.

Dated this 12th day of December, 1995.

ENSERCH EXPLORATION, INC.

By: J. W. Pinkerton  
Name: J. W. Pinkerton  
Title: Vice President and Controller,  
Chief Accounting Officer

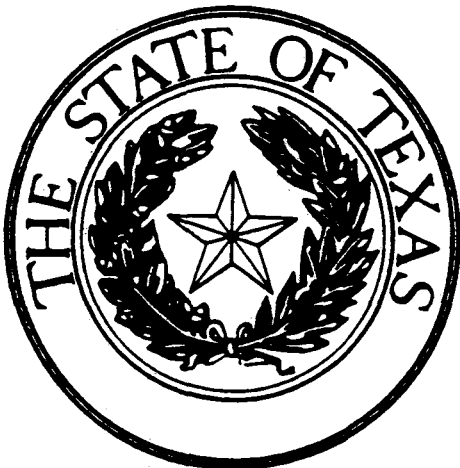


# The State of Texas

## SECRETARY OF STATE

I, ANTONIO O. GARZA, JR., Secretary of State of Texas, DO HEREBY CERTIFY that Articles of Merger of **ENSERCH EXPLORATION, INC.** (Charter No. 1323890-00), a **TEXAS** corporation, and **DALEN CORPORATION**, a **DELAWARE** (No Permit) corporation, were filed in this office on **DECEMBER 19, 1995**, for which a certificate of merger was issued; and that according to the terms of the merger the surviving corporation is **ENSERCH EXPLORATION, INC.**, a **TEXAS** corporation.

*IN TESTIMONY WHEREOF, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in the City of Austin, on December 19, 1995.*



*1077.*  
\_\_\_\_\_  
Antonio O. Garza, Jr.  
Secretary of State

MAC

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

(MERGER)

Routing:

1- LAC / CHS
2- DTS / FILM
3- VLD / FILE
4- RJF
5- LER
6- SJ

Attach all documentation received by the division regarding this change.  
 Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-96)

TO (new operator) <b>ENSERCH EXPLORATION INC</b>	FROM (former operator) <b>DALEN RESOURCES OIL &amp; GAS</b>
(address) <b>4849 GREENVILLE AVE STE 1200</b>	(address) <b>6688 N CENTRAL EXP #1000</b>
<b>DALLAS TX 75206</b>	<b>DALLAS TX 75206-3922</b>
<b>CINDY KEISTER</b>	<b>CINDY KEISTER</b>
phone (214) <b>987-6353</b>	phone (214) <b>987-6353</b>
account no. <b>N4940 (1-29-96)</b>	account no. <b>N3300</b>

Well(s) (attach additional page if needed):

Name: <b>** SEE ATTACHED **</b>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

**OPERATOR CHANGE DOCUMENTATION**

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 1-22-96)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 1-22-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #171513. *(ref. 1-4-95)*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-12-96)*
6. Cardex file has been updated for each well listed above. *(2-12-96)*
7. Well file labels have been updated for each well listed above. *(2-12-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-12-96)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

### ENTITY REVIEW

- LC 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

### BOND VERIFICATION (~~Fee wells only~~) *Trust lands / Bond & lease update in progress!*

- LC 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date                      1996. If yes, division response was made by letter dated                      1996.

### LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated                      1996, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

### FILMING

- LC 1. All attachments to this form have been microfilmed. Date: March 13 1996.

### FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

### COMMENTS

960212 BLM/SL App. # 12-31-95.

**STATE OF UTAH**  
**DIVISION OF OIL, GAS AND MINING**  
 1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 3

## MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOHN W PEARCE  
 ENSERCH EXPLORATION INC  
 6688 N CENTRAL EXP #1000  
 DALLAS TX 75206-3922

UTAH ACCOUNT NUMBER: N4940REPORT PERIOD (MONTH/YEAR): 8 / 97AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number      Entity      Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ FRED MORRIS FED 19-1 4301330587 00451 09S 17E 19	GRRV			U-13905		
FEDERAL 14-4H 4301330671 01215 09S 17E 4	GRRV			U-7978	Pleasant Valley Unit	
FEDERAL 34-5H 4301330721 02041 09S 17E 5	GRRV			U-020252	"	
CASTLE PEAK FEDERAL 43-5 4301330858 02043 09S 16E 5	GR-WS			U-034217-A	Wells Draw Unit	
FEDERAL 32-8H 4301330542 06057 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
NGC 41-8H 4301330741 06085 09S 17E 8	GRRV			U-10760	"	
✓ J 41-30 4301330601 06095 09S 17E 30	GRRV			U-11385		
NGC 12-4G 4301330699 06100 09S 16E 4	GRRV			U-30096	Wells Draw Unit	
NGC FED 21-5G 4301330698 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 23-5-G 4301331207 06105 09S 16E 5	GRRV			U-30096	"	
FEDERAL 42-4 4301330638 06115 09S 16E 4	GRRV			U-30096	"	
✓ NGC 12-8H FEDERAL 4301330680 06140 09S 17E 8	GRRV			U-10760	Pleasant Valley Unit	
✓ FED NGC 21-15 4301330614 06145 09S 17E 15	GRRV			U-10760		
<b>TOTALS</b>						

COMMENTS:

\* 9/10/27 Partial Change.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: \_\_\_\_\_

Name and Signature: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Inland Production Company

3. Address and Telephone No.

475 17th Street, Suite 1500, Denver, Colorado 80202 (303) 292-0900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL

SW/4 NE/4, Section 8, T9S-R17E S.L.B. & M.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

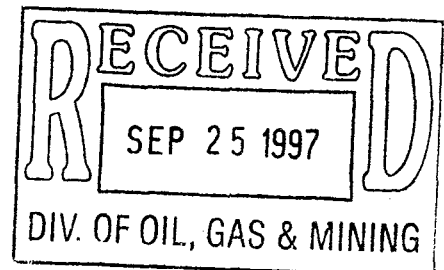
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Inland Production Company assumes operations of the above mentioned well effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Attorney-In-Fact Date 08/14/1997

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

CC: UTAH DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. -

SUBMIT IN TRIPLICATE

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

ENSERCH EXPLORATION INC.

3. Address and Telephone No.

4849 Greenville Avenue, Suite 1200, Dallas, Texas 75206-4186 (214) 369-7893

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FEL & 1980' FNL

SW/4 NE/4, Section 8, T9S-R17E S.L.B. & M.

5. Lease Designation and Serial No.

U-10760

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

Pleasant Valley Unit

8. Well Name and No.

Federal 32-8H

9. API Well No.

43-013-30542

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment

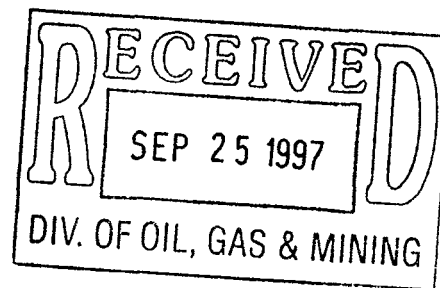
TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Change of Operator  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Enserch Exploration Inc. has sold its interest in the PVU #32-8H Federal to Inland Production Company and relinquishes operations effective August 16, 1997. Inland Production Company operates under BLM Bond No. UT0056.



14. I hereby certify that the foregoing is true and correct

Signed

Title Sr. Production Analyst

Date 08/14/1997

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: UTAH DOGM

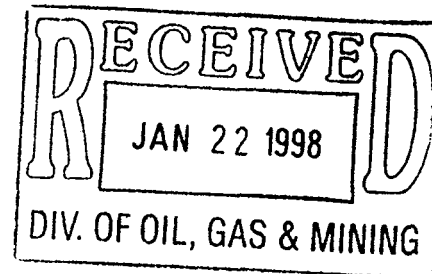
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155



IN REPLY REFER TO  
UT-931

January 15, 1998

Inland Production Company  
475 17th Street, Suite 1500  
Denver, Colorado 80202

Re: Pleasant Valley (Green River) Unit  
Duchesne County, Utah

Gentlemen:

*Enserch Expl. Inc. / BLM mailing correction 1-22-98.*

On January 14, 1998, we received an indenture dated September 1, 1997, whereby ~~Equitable Resources Energy Company~~ resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Pleasant Valley (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 15, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Pleasant Valley (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Pleasant Valley (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)  
~~Division of Oil, Gas & Mining~~  
Minerals Adjudication Group U-932  
File - Pleasant Valley (Green River) Unit (w/enclosure)  
MMS - Data Management Division  
Agr. Sec. Chron  
Fluid Chron

U-931:TAThompson:tt:1/15/98

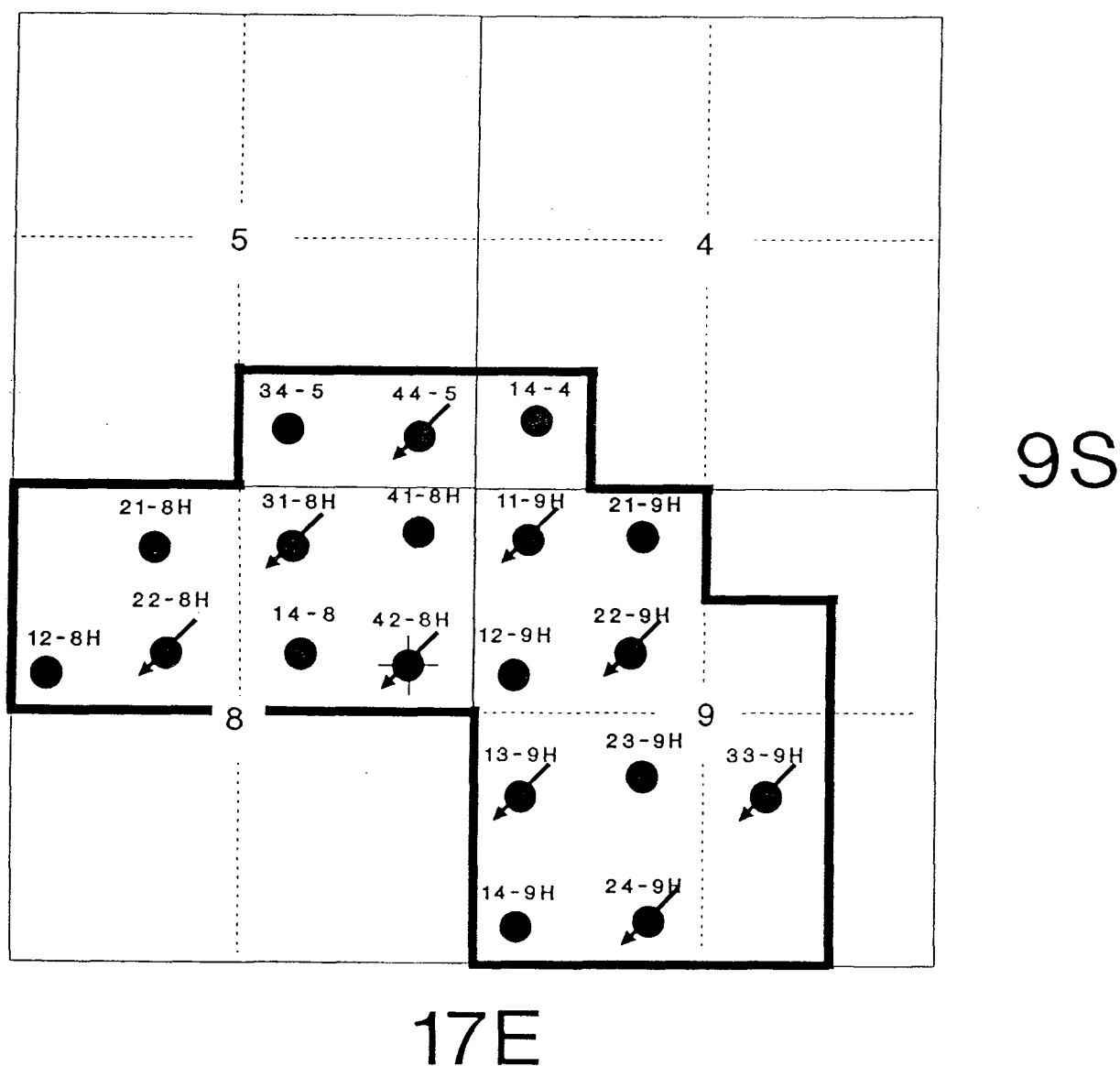
Well Status Report  
Utah State Office  
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: UTU74477X								
UTU50750	4301330887	11-9-H FEDERAL	NWNW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330680	12-8-H FEDERAL-NGC	SWNW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330983	12-9-H FEDERAL	SWNW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330656	13-9H FEDERAL	NWSW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU7978	4301330671	14-4 PIUTE-FEDERAL	SWSW	4	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330542	14-8 POMCO	SWNE	8	T 9S	R17E	OSI	ENSERCH EXPLORATION INC
UTU50750	4301331459	14-9H	SWSW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331460	21-8H	NENW	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301331458	21-9H	NENW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301331457	22-8H	SENW	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331049	22-9H FEDERAL NGC	SENW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU50750	4301331206	23-9-H FEDERAL	NESW	9	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU50750	4301330682	24-9-H FEDERAL-NGC	SESW	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU10760	4301330679	31-8-H NGC	NWNE	8	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU61052	4301331108	33-9H FEDERAL	NWSE	9	T 9S	R17E	WIW	ENSERCH EXPLORATION INC
UTU72108	4301330721	34-5 ALLEN-FEDERAL	SWSE	5	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330741	41-8-H NGC-FEDERAL	NENE	8	T 9S	R17E	POW	ENSERCH EXPLORATION INC
UTU10760	4301330678	42-8-H NGC	SENE	8	T 9S	R17E	ABD	ENSERCH EXPLORATION INC
UTU72108	4301330913	44-5 ALLEN FEDERAL	SESE	5	T 9S	R17E	WIW	ENSERCH EXPLORATION INC

# PLEASANT VALLEY (GR) UNIT

## Duchesne County, Utah

EFFECTIVE: SEPTEMBER 1, 1995



— UNIT OUTLINE (UTU74477X)

880.00 ACRES

SECONDARY  
ALLOCATION  
FEDERAL 100.00%

INLAND PRODUCTION COMPANY  
PLEASANT VALLEY (GRRV) UNIT  
(N5160)

CURRENT ENTITY	NEW ENTITY	API NUMBER	WELL NO.	SEC-T-R	EFF. DATE
01215	12277	43-013-30671	14-4H	04-09S-17E	09-01-97
02041	"	43-013-30721	34-5H	05-09S-17E	"
06057	"	43-013-30542	32-8H	08-09S-17E	"
06085	"	43-013-30741	41-8H	08-09S-17E	"
06140	"	43-013-30680	12-8H	08-09S-17E	"
09830	"	43-013-30983	12-9-H	09-09S-17E	"
10868	"	43-013-31206	23-9-H	09-09S-17E	"
11676	"	43-013-31458	21-9H	09-09S-17E	"
11677	"	43-013-31459	14-9H	09-09S-17E	"
11687	"	43-013-31460	21-8H	08-09S-17E	"
02044	"	43-013-30913	44-5	05-09S-17E	"
06058	"	43-013-30887	11-9H	09-09S-17E	"
11675	"	43-013-31457	22-8H	08-09S-17E	"
10674	"	43-013-31108	33-9H	09-09S-17E	"
10065	"	43-013-31049	22-9H	09-09S-17E	"
06075	"	43-013-30679	31-8H	08-09S-17E	"
06080	"	43-013-30678	42-8H	08-09S-17E	"
06185	"	43-013-30656	13-9H	09-09S-17E	"
06175	"	43-013-30682	24-9H	09-09S-17E	"

**OPERATOR CHANGE WORKSHEET**

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-LEC	6-LEC
2-GLH	7-KAS
3-DPS	8-SI
4-VLD	9-FILE
5-JRB	

☒ Change of Operator (well sold)☐ Designation of Agent☐ Designation of Operator☐ Operator Name Change OnlyThe operator of the well(s) listed below has changed, effective: 8-16-97

TO: (new operator) INLAND PRODUCTION COMPANY  
 (address) PO BOX 1446  
ROOSEVELT UT 84066

Phone: (801) 722-5103Account no. N5160

FROM: (old operator)  
 (address)

ENSERCH EXPLORATION INC  
6688 N CENTRAL EXP #1000  
DALLAS TX 75206-3922

Phone: (214) 987-7859Account no. N4940

WELL(S) attach additional page if needed:

**\*PLEASANT VALLEY (GREEN RIVER) UNIT**

Name: <b>**SEE ATTACHED**</b>	API: <u>43-013-30548</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

**OPERATOR CHANGE DOCUMENTATION**

- lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(lec'd 9-25-97)*
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(lec'd 9-25-97)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1-22-98) KUC Quegro Pro & DBASE 1-22-98.*
- lec 6. **Cardex** file has been updated for each well listed above. *(1-22-98)*
- lec 7. Well **file labels** have been updated for each well listed above. *(1-22-98)*
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1-22-98)*
- lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) \_\_\_\_ If entity assignments were changed, attach copies of Form 6, Entity Action Form.  
*\* Operator req. that numbers remain as is until further notice. (1-22-98/Kebbie)*
- N/A Yes 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.  
*\* All wells to entity 12277 1-30-98 eff. 9-1-97; oper. reg. & reviews.*

## BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Yes 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- \_\_\_\_ 2. A copy of this form has been placed in the new and former operator's bond files.
- \_\_\_\_ 3. The FORMER operator has requested a release of liability from their bond (yes/no) \_\_\_\_, as of today's date \_\_\_\_\_. If yes, division response was made to this request by letter dated \_\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on \_\_\_\_\_ to \_\_\_\_\_ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.  
*5 1/27/98*
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated \_\_\_\_\_ 19 \_\_\_\_, of their responsibility to notify all interest owners of this change.

## FILMING

- N/A 1. All attachments to this form have been microfilmed. Today's date: 3.2.98.

## FILING

- \_\_\_\_ 1. Copies of all attachments to this form have been filed in each well file.
- \_\_\_\_ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

## COMMENTS

980122 Blm/54 Aprv. eff. 1-15-98.

(June 1990)

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

**U-10760**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**PLEASANT VALLEY**

8. Well Name and No.

**FEDERAL 32-8H**

9. API Well No.

**43-013-30542**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well    ☐ Gas Well    ☐ Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

**1980 FNL 1980 FEL SW/NE Section 8, T09S R17E**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

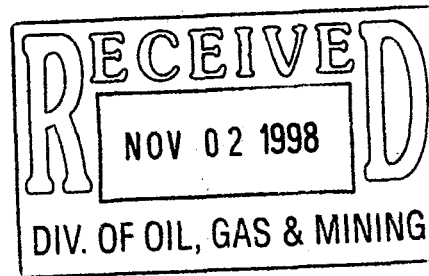
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other Site Security

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



14. I hereby certify that the foregoing is true and correct

Signed

Debbie E. Knight

Title

Manager, Regulatory Compliance

Date

10/28/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# Inland Production Company

## Site Facility Diagram

Pleasant Valley Unit 32-8H

SW/NE Sec. 8, T9S, 17E

Duchesne County

May 12, 1998

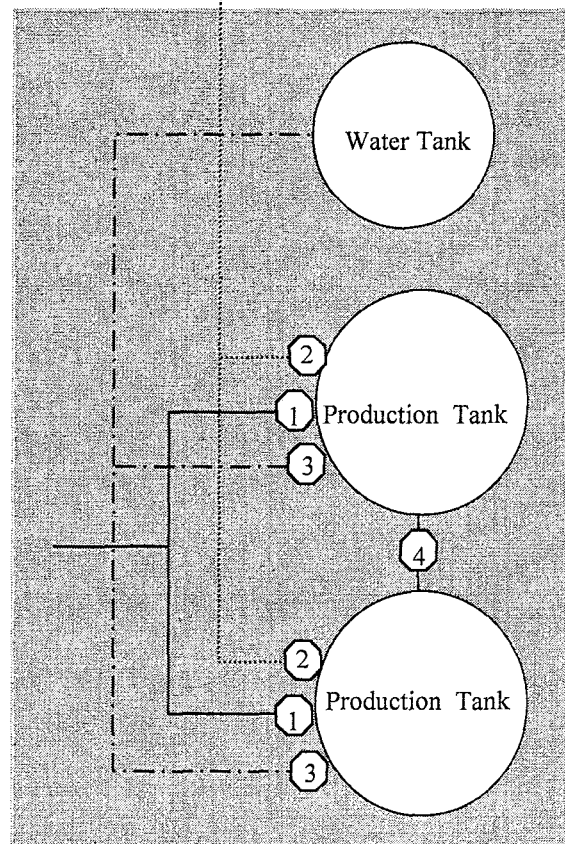
Well Head

Gas Sales Meter

Pumping Unit

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Diked Section



### Production Phase:

- 1) Valves 1, and 3 sealed closed
- 2) Valves 2 and 4 sealed open

### Sales Phase:

- 1) Valves 2, 3, and 4 sealed closed
- 2) Valves 1 open

### Draining Phase:

- 1) Valve 3 open

### Legend

Emulsion Line	.....
Load Line	————
Water Line	.....
Gas Sales	— · — · — · — ·



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		



## Office of the Secretary of State

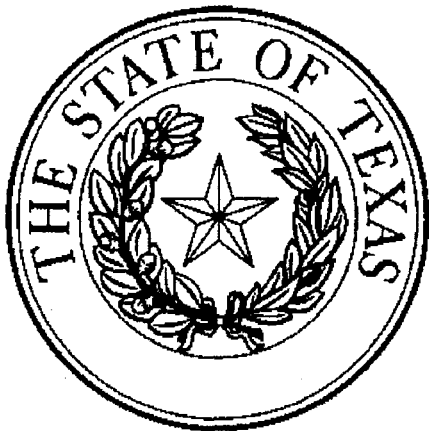
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company  
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT  
TO THE  
ARTICLES OF INCORPORATION  
OF  
INLAND PRODUCTION COMPANY

FILED  
In the Office of the  
Secretary of State of Texas  
SEP 02 2004  
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs  
Susan G. Riggs, Treasurer

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change****Merger**

The operator of the well(s) listed below has changed, effective:

**9/1/2004****FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**TO: ( New Operator):**

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

**CA No.****Unit:****PLEASANT VALLEY (GR)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

- 6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 2/28/2005
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 0056

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 61BSBDH2912

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The FORMER operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

\*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-10760
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: PLEASANT VALLEY UNIT
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FNL 1980 FEL		8. WELL NAME and NUMBER: FEDERAL 32-8H
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 8, T9S, R17E		9. API NUMBER: 4301330542
		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
10/08/2008	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was recompleted and then placed back on production, attached is a daily recompletion status report. The following perforations were added in the Green River Formation:

CP1 5656'-5672' 4 JSPF 34 holes  
CP4 5462'-5480' 4 JSPF 72 holes

NAME (PLEASE PRINT) Jentri Park TITLE Production Tech  
SIGNATURE DATE 10/29/2008

(This space for State use only)

RECEIVED  
NOV 03 2008  
DIV. OF OIL, GAS & MINING



## Daily Activity Report

Format For Sundry

FEDERAL 32-8H-9-17

8/1/2008 To 12/30/2008

9/30/2008 Day: 1

Recompletion

Western #1 on 9/29/2008 - MIRU Western rig #1. Hot oiler pumped 60 BW down csg @ 250°, Unseat rod pump, Flush rods w/ 40 BW. Soft seat rod pump & pressure test to 3000 psi, 10 BW to fill tbg. Unseat rod pump. POOH w/ 98- 7/8" guided rods & 24- 3/4" guided rods. SIWFN.

10/1/2008 Day: 2

Recompletion

Western #1 on 9/30/2008 - Hot oiler flushed rods w/ 40 BW. Con't TOH w/ rods. LD rod pump. Hot oiler flushed tbg w/ 60 BW. ND WH. TA would not release. Strip on BOP. Use tong to release TA. Talley, PU & RIH w/ 2 7/8 N-80 tbg. Tagged fill @ 6240'. TOH w/ N-80 tbg. Production tbg has slimhole beveled collar. Wait for slip type elevators to come out of vernal. TOH w/ production tbg. RU Perforators LLC WLT. RIH w/ gamma ray. Stacked out @ 5559'. RD WLT. SIWFN w/ 150 BWTR.

10/2/2008 Day: 3

Recompletion

Western #1 on 10/1/2008 - PU & RIH w/ 6" rock bit, 7" csg scraper, Bit sub & 2 7/8" tbg. Tagged fill @ 6240'. LD 2 jts of tbg. Hot oiler pumped 75 bbls of wtr down csg @ 250°. RU rig pumps & lines. Circulate well clean. TOH w/ tbg. LD bit & scaper. RU Perforators LLC WLT. RIH w/ gamma ray. Run gamma ray strip from 5900' to 4000'. POH w/ gamma ray. RIH w/ 16' & 18' perf gun. Perforate CP4 sds @ 5462-80', CP1 sds @ 5656-72' w/ 3-1/8" Slick Guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 136 shots. RD WLT. Talley, PU & RIH w/ 7" TS plug, Ret head, 6' X 2 3/8" sub, 7" HD pkr, SN & 134 jts of 2 7/8" N-80 tbg. EOT @ 4336'. SIWFN w/ 317 BWTR.

10/3/2008 Day: 4

Recompletion

Western #1 on 10/2/2008 - D2 sds Con't PU & RIH w/ 2 7/8" N-80 tbg. Total of 176 jts of 2 7/8" N-80. TOH w/ 30 jts. Set plug @ 4741'. Test tools to 2000 psi, good. Set pkr @ 4741'. EOT @ 4634'. Fill annulus & hold pressure during acid job. RU BJ Services to tbg. 8 psi on tbg. Acidize D2 sds. Broke @ 2994 psi. Pumped 546 gals of 4% Techni-hib solution, 2016 gals spacer, 400 gals of 15% HCL, Flushed w/ 1386 bbls of fresh wtr. ISIP 2112 psi, 5 mins 1123 psi, 10 mins 773 psi, 15 mins 581 psi. Pressure before acid 3369 psi @ 5 BPM, During acid 3120 psi @ 5.1 BPM, After acid 3080 psi @ 5.0 BPM. Bleed off pressue, Flowed back 2 bbls of fluid & died. Release pkr. Move tools. 434 BWTR. A3 sds. Set plug @ 5130'. Set pkr @ 5023'. Fill annulus & hold pressure during acid job. RU BJ Services to tbg. 9 psi on tbg. Acidize A3 sds. Broke @ 2631 psi. Pumped 941 gals of 4% Techni-hib solution, 2016 gals spacer, 500 gals of 15% HCL, Flushed w/ 35.5 bbls of fresh wtr. ISIP 1564 psi, 5 mins 1372 psi, 10 mins 1262 psi, 15 mins 1175 psi. Pressure before acid 2390 psi, During acid 2375 psi @ 4.9 BPM, After acid 2365 psi 4.9 BPM. Bleed off pressue, Flowed back 12 bbls of fluid & died. Release pkr & move up hole. Set pkr @ 4634'. RU swab equipment. IFL @ sfc. Made 9 runs, Rec 75 BTF. FFL @ 1800'. Pressure up on annulus & release pkr. TIH w/ tbg. Circulate clean down to plug @ 5130'. Move tools. Set plug @ 5713'. Install frac valve. Leave pkr hanging @ 5611'. SIWFN w/ 547

10/4/2008 Day: 5

Recompletion

Western #1 on 10/3/2008 - Stage #3, CP4 sds. Set pkr @ 5611'. RU BJ Services to tbg. Fill, Hold pressure & monitor annulus during frac. Frac CP4 sds w/ 14,739#'s of 20/40 sand in 213 bbls of Lightning 17 fluid. Broke @ 3773 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3803 psi @ ave rate of 13.2 BPM. ISIP 2106 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back for 1 hr, 117 BTF & died. Pressure up on annulus & release pkr. Circulate well clean. Move tools. 640 BWTR. Stage #4, CP1 sds. Set plug @ 5520'. Install frac valve & set pkr @ 5417'. RU BJ Services to tbg. Fill, Hold pressure & monitor annulus during frac. Frac CP1 sds w/ 42,740#'s of 20/40 sand in 406 bbls of Lightning 17 fluid. Broke @ 3933 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 3953 psi @ ave rate of 13.2 BPM. ISIP 1980 psi. Begin immediate flowback on 20/64 choke @ 3 BPM. Flowed back for 2 hrs, 321 BTF & died. 725 BWTR.

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10/7/2008 Day: 6

Recompletion

Western #1 on 10/6/2008 - 1650 psi on tbg, 50 psi on csg. Bleed off pressure. Flowed back for 45 mins, Rec 130 BTF. Release pkr. Circulate oil & gas out. TIH w/ tbg. Tagged sand @ 5495'. Circulate clean down to plug @ 5520'. Release plug. LD 2 7/8" N-80 tbg. Had to circulate well 3 times while LD N-80 to kill well. TIH w/ production as follows: NC, 2-jts, SN, 2- jts, 7" TA, 96 jts of 2 7/8" J-55 tbg. Changed over to MYT elevators. Changed out 82 of 84 slimhole beveled collars. EOT @ 5776'. SIWFN w/ 500 BWTR.

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10/8/2008 Day: 7

Recompletion

Western #1 on 10/7/2008 - 500 psi on tbg, 550 psi on csg. Bleed off pressure. Circulate 210 bbls of wtr down tbg to kill well. TIH w/ 14 jts of tbg. Tagged fill @ 6234'. LD 14 jts of tbg. Well started flowing. Circulate well to kill. ND BOP. Set 7" TA w/ 16,000#'s of tension @ 5651', SN @ 5717', EOT @ 5782'. NU WH. PU & TIH w/ rods as follows: 2 1/2" X 1 1/2" X 20 1/2' RHAC, 6- 1 1/2" wt bars, 26- 3/4" guided rods, 75- 3/4" plain rods, 24- 3/4" guided rods, 90- 7/8" guided rods. Stacked out w/ rod pump. Work rod pump in hole 27'. Decided it was scale inside of tbg. Pull out of hole w/ rods. LD rod pump (Cup were wore flat of pump), No marks of pump. SIWFN w/ 365 BWTR.

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10/9/2008 Day: 8

Recompletion

Western #1 on 10/8/2008 - 0 psi on tbg, Csg flowing to battery. RU hot oiler & pump 5 BW & 3 drums of 15% HCL, 35 BW down tbg. Work acid around EOT 10 bbls both ways 4 different times. Circulate acid out of hole. PU & TIH w/ rods as follows: 2 1/2" X 1 1/2" X 19' RHAC, 6- 1 1/2" wt bars, 26- 3/4" guided rods, 75- 3/4" plain rods, 24- 3/4" guided rods, 96- 7/8" guided rods, 1 1/2" X 26' polish rod. Hang head, Space out rods. Pressure test w/ unit to 800 psi, good. RDMOSU. POP @ 1:00 PM w/ 72" SL @ 4 SPM. Well made 26 BO, 115 BW overnight flowing to battery. 278 BWTR. FINAL REPORT!!!!

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Pertinent Files: Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**FEB 11 2009**

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

Ref: 8P-W-GW

**CERTIFIED MAIL**

**RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

RE: Additional Well: Pleasant Valley Area Permit  
**UIC Permit No. UT20771-00000**  
**Well ID: UT20771-08158**  
Federal 32-8H-9-17  
1980' FNL & 1980' FEL  
SW NE Section 8-T9S-R17E  
Duchesne County, Utah  
API # 43-013-30542

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well Federal 32-8H-9-17 to an enhanced recovery injection well in the Pleasant Valley Area Permit is hereby authorized by the Environmental Protection Agency (EPA) under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit No. UT20771-00000 and subsequent modifications.

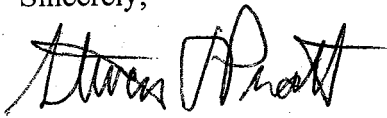
Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,611 feet and the top of the Wasatch Formation, estimated at 5,972 feet.

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a **Part 1 (Internal) mechanical integrity test (MIT)**, (2) a **pore pressure** calculation of the injection interval, (3) **cement bond log** that covers the full extent of the wellbore, and (4) a complete **EPA Form No. 7520-12** (Well Rework Record) with a new schematic diagram.

The initial Maximum Allowable Injection Pressure (MAIP) for the Federal 32-8H-9-17 was determined to be **990 psig**. UIC Area Permit UT20771-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a step rate test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Ms. Sarah Bahrman at (303) 312-6243 or 1-(800)-227-8917 (Ext. 312-6243). Please submit the required data to **ATTENTION: Sarah Bahrman** at the letterhead address, citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



for Eddie A. Sierra  
Acting Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Encl: Authorization For Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record)  
Proposed Wellbore and P&A Wellbore schematics for Federal 32-8H-9-17

cc:

Letter Only:

Uintah & Ouray Business Committee:

Curtis Cesspooch, Chairman  
Ronald Groves, Councilman  
Irene Cuch, Vice-Chairwoman  
Steven Cesspooch, Councilman  
Phillip Chimburas, Councilman  
Frances Poowegup, Councilwoman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

All Enclosures:

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

Larry Love  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Gil Hunt  
Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit No: UT20771-00000**

The Pleasant Valley Final UIC Area Permit No. UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On March 19, 2008, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

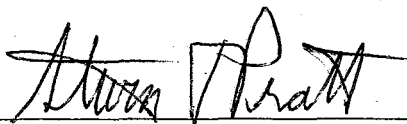
Well Name:	<b><u>Federal 32-8H-9-17</u></b>
EPA Well ID Number:	<b><u>UT 20771-08158</u></b>
Location:	1980' FNL & 1980' FEL SW NE Sec. 8 T9S-R17E Duchesne County, Utah. API #43-013-30542

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20771-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy additional well criteria required by the permit.

This well is subject to all provisions of UIC Area Permit No. UT20771-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: **FEB 11 2009**

  
for **Eddie A. Sierra**  
\* Acting Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the permit and Authorization*

Authorization for Additional Well: UIC Area Permit UT20771-00000  
Well: Federal 32-8H-9-17 EPA Well ID: UT20771-08158

Printed on Recycled Paper

## **WELL-SPECIFIC REQUIREMENTS**

Well Name: **Federal 32-8H-9-17**  
EPA Well ID Number: **UT20771-08158**

**Prior to commencing injection operations, the permittee shall submit the following information and receive written Authority to Inject from the Director:**

1. a successful Part I (Internal) Mechanical Integrity test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. cement bond log that covers the full extent of the wellbore;
4. completed Well Rework Record EPA Form No. 7520-12 and schematic diagram.

**Approved Injection Zone:** Injection is approved between the top of the Garden Gulch Member of the Green River Formation at a depth of 3,611 feet (KB) to the top of the Wasatch Formation, which is estimated to be at a depth of 5,972 feet (KB).

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is **990 psig**, based on the following calculation:

$$\begin{aligned}\text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.680 \text{ psi/feet} \quad \text{SG} = 1.015 \quad \text{D} = \mathbf{4,128 \text{ feet}} \text{ (top perforation depth KB)} \\ \text{MAIP} &= \mathbf{990 \text{ psig}}\end{aligned}$$

UIC Area Permit No. UT20771-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon results of a step rate test that demonstrates the formation breakdown pressure will not be exceeded.

**Well Construction:** The existing cement bond log (CBL) only covers 2,200' to 2,700' and does not include the Confining Zone. Therefore, a CBL run to PBTD will be required prior to authorizing injection for the Federal 32-8H-9-17. If the CBL does not show adequate zone isolation (at least 18 feet of continuous 80% bond index, or better, through the Confining Zone), further demonstration of Part II mechanical integrity by Radioactive Tracer Survey or other approved test will be required prior to injection and at least once every five years thereafter. Approved tests for demonstrating Part II MI include a Temperature Survey, Noise Log or Oxygen Activation Log.

**Tubing and Packer:** 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 50 feet above the top perforation.

**Corrective Action for Wells in Area of Review (AOR):** The following five (5) wells, that penetrate the Confining Zone within or proximate to a 1/4 mile radius around the Federal 32-8H-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDW:

### Corrective Action Not Required

Well: Monument Federal 33-8-9-17      NW SE      Sec. 8-T9S-R17E

The Monument Federal 33-8-9-17 is permitted by EPA for injection (Permit No. UT20798-04307, effective October 25, 1996). The CBL shows approximately 55% cement bond index through the confining zone. However, the Radioactive Tracer Survey for this well shows no sign of fluids moving behind the casing.

TOC at 2,390 ft.

Well: Pleasant Valley Federal H-8-9-17      NE NW      Sec. 8-T9S-R17E

Shows 30ft of 80% cement bond index (per the CBL) in the Confining Zone (3,573 ft.-3,603 ft.).  
TOC at 66 ft.

Well: Pleasant Valley Federal I-8-9-17      SW NE      Sec. 8-T9S-R17E

Shows 30 ft. of 80% cement bond index (per the CBL) in the Confining Zone (3,680 ft.-3,710 ft.).

TOC at 26 ft.

Well: Federal NGC 31-8H      NW NE      Sec. 8-T9S-R17E

The Federal NGC 31-8H is permitted by EPA for injection (Permit No. UT20771-04270, effective November 6, 1995). At the time of the permit effective date, this well was considered to meet the requirements for demonstration of Part II Mechanical Integrity. As noted in the Statement of Basis for the final Pleasant Valley Area Permit, the Federal NGC 31-8H is "cemented in such a manner as to preclude any migration of injected fluids up hole." The Federal NGC 31-8H well is cemented from the Top of Douglas Creek Member upward to several hundred feet above the overlying Green River and Uinta Formations. While the Federal NGC 31-8H does not meet the current standards for Part II Mechanical Integrity (at least 18 ft of 80% cement bond index through the Confining Zone), corrective action is not required for this AOR well since Part II Mechanical Integrity was previously demonstrated and approved. The CBL shows a 70% to 80% cement bond through the entire Confining Zone.

TOC at 3,230 ft.

Well: Federal 22-8H-9-17      SE NW      Sec. 8-T9S-R17E

The Federal 22-8H-9-17 is permitted by EPA for injection (Permit No. UT20771-04267, effective November 6, 1995). The CBL shows 30% cement bond index through the previously established areal Confining Zone, which overlies the Garden Gulch Member of the Green River Formation and is found between the depths of 3,418 ft and 3,608 ft (KB) in the Federal 22-8H-9-17 well. Cement was also evaluated through two additional AOR-wide confining zones as follows:

Shale "A": 3,728 feet to 3,802 feet (KB) – cement inadequate according to CBL analysis  
Shale "B": 3,834 feet to 3,914 feet (KB) – cement inadequate according to CBL analysis

No other logs or tests that demonstrate Part II MI are available for this well. Thus, the permit for the Federal 22-8H-9-17 (Permit No. UT20771-04267) will be modified to require testing for Part

*Authorization for Additional Well:* UIC Area Permit UT20771-00000

*Well:* Federal 32-8H-9-17 EPA Well ID: UT20771-08158



II MI. No corrective action is required for the Federal 22-8H-9-17 as part of this authorization as any mechanical integrity problems for this well will be addressed under Permit No. UT20771-04267.

TOC at 908 ft.

### **Corrective Action Required**

None.

**Demonstration of Mechanical Integrity:** A successful demonstration of Part I (Internal) Mechanical Integrity using a standard Casing-Tubing pressure test is required for the Federal 32-8H-9-17 prior to injection and at least once every five years thereafter.

EPA reviewed the Cement Bond Log and was not able to determine whether the cement through the confining zone is sufficient to provide an effective barrier to significant upward movement of fluids through vertical channels adjacent to the well bore. Therefore, pursuant to 40 CFR §146.8(c)(2), **the Permittee shall conduct a cement bond log prior to receiving authorization to inject.**

**Demonstration of Financial Responsibility:** The applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs and in accordance with other applicable Federal, State or local laws or regulations. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation with a minimum 20-foot cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona Zone and the Mahogany Bench between approximately 2,750 ft. (KB) to 2,925 ft. (KB) (unless pre-

existing backside cement precludes cement-squeezing this interval), followed by a minimum 175-foot balanced cement plug inside the 5-1/2" casing across the Trona Zone and the Mahogany Shale, from approximately 2,750 ft. (KB) to 2,925 ft. (KB).

PLUG NO. 3: Seal USDWs: Squeeze a cement plug on the backside of the 5-1/2" casing across the top of the Green River Formation between approximately 1,350 ft. (KB) and 1,470 ft. (KB) (unless pre-existing cement precludes cement-squeezing this interval), followed by a minimum 120-foot balanced plug inside the 5-1/2 casing across the base of the Uinta Formation, from approximately 1,350 ft. (KB) to 1,470 ft. (KB).

PLUG NO. 4: Seal Surface: Set a Class "G" cement plug within the 5-1/2" casing to 345 ft. and up the 5-1/2" x 8-5/8" casing annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 ft below ground level and set P&A marker; submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

#### **Reporting of Noncompliance:**

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

#### **Twenty-Four Hour Noncompliance Reporting:**

The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and

Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

Oil Spill and Chemical Release Reporting:

The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**.

Other Noncompliance:

The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

Other Information:

Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

## **WELL-SPECIFIC CONSIDERATIONS**

Well Name: **Federal 32-8H-9-17**  
EPA Well ID Number: **UT20771-08158**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 200 feet below ground surface in the Federal 32-8H-9-17.

**Utah Division of Water Rights (searched online at <http://utstnrwrt6.waterrights.utah.gov/cgi-bin/wrplat.exe>):**

There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

**Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):**

- TDS of the Douglas Creek Member – Green River Formation Water: 14,864 mg/l.

- TDS of Jonah Facility Injection System source water: 13,556 mg/l.

The **injectate** is a blend of drinking-quality water from the Johnson Water District supply line and/or water from the Green River supply line, as well as Green River Formation water.

**Aquifer Exemption** is **not** required because the total dissolved solids (TDS) of the Green River Formation water is 14,864 mg/l.

**Confining Zone:** The Confining Zone, which directly overlies the Garden Gulch Member of the Green River Formation, is approximately 180 feet of shale between the depths of 3,431 ft. (estimated) and 3,611 ft. (KB).

**Injection Zone:** The Injection Zone at this well location is approximately 2,331 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,611 feet (KB) to the top of the Wasatch Formation which is estimated to be at 5,972 ft. (KB). All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** The CBL **does not show** 80% or greater cement bond index in the Confining Zone as the well was not logged through this interval. Thus, another CBL is required during well conversion. If the required CBL does not show adequate zone isolation, demonstration of Part II Mechanical Integrity will be required prior to commencing injection.

**Surface Casing:** 10-3/4" casing is set at 295 ft. (KB) in a 13-3/4" hole, using 300 sacks Class G cement.

**Longstring Casing:** 7" casing is set at 6,400 ft. (KB) in a 8-3/4" hole secured with 300 sacks of Class G cement and 430 sacks of 50/50 POZ cement. Total drilled depth is 6,400 ft., and plugged back total depth is 6,344 ft. EPA calculates top of cement at 1,669 ft. (KB). Estimated CBL top of cement is 2,270 ft.

**Perforations:** Top perforation: **4,128 ft.** (KB) Bottom perforation: **5,090 ft.** (KB)

**Wells in Area of Review (AOR):** Construction and cementing records, including cement bond Logs (CBL) for five (5) wells in the ¼ mile AOR that penetrated the Confining Zone, were reviewed. None of the five (5) wells in the AOR will require Corrective Action.

**Wells Not Requiring Corrective Action:**

Well: Monument Federal 33-8-9-17	NW SE	Sec. 8-T9S-R17E
Well: Pleasant Valley Federal H-8-9-17	NE NW	Sec. 8-T9S-R17E
Well: Pleasant Valley Federal I-8-9-17	SW NE	Sec. 8-T9S-R17E
Well: Federal NGC 31-8H	NW NE	Sec. 8-T9S-R17E
Well: Federal 22-8H-9-17	SE NW	Sec. 8-T9S-R17E

**Wells Requiring Corrective Action:**

None.



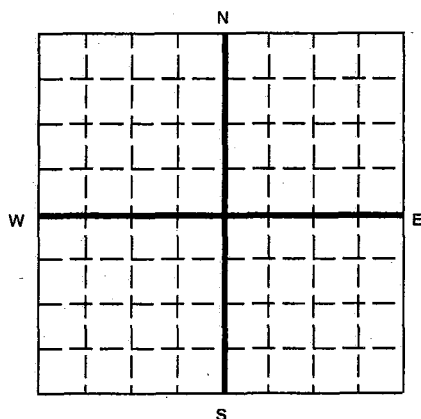
United States Environmental Protection Agency  
Washington, DC 20460

## WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on  
Section Plat - 640 Acres



State

County

Permit Number

Surface Location Description

1/4 of  1/4 of  1/4 of  1/4 of Section  Township  Range

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location  ft. from (N/S)  Line of quarter section

and  ft. from (E/W)  Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal  
☐ Enhanced Recovery  
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual

☐ Area

Number of Wells

Well Number

### WELL CASING RECORD -- BEFORE REWORK

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

### WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

### Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

# Federal #32-8H-9-17

Spud Date: 1/31/80  
Put on Production: 5/13/80  
GL: 5300' KB: 5315' ✓

Proposed Injection  
Wellbore Diagram

Initial Production: ? BOPD.  
? MCFD, ? BWPD

## SURFACE CASING

CSG SIZE: 10-3/4" ✓  
GRADE: K-55  
WEIGHT: 40.5# ✓  
LENGTH: 295' ✓  
HOLE SIZE: 13-3/4" ✓  
CEMENT DATA: 300 sxs Class "G" cmt. (to surface) ✓

TOC EPA calc = 1669'

## PRODUCTION CASING

CSG SIZE: 7" ✓  
GRADE: N-80  
WEIGHT: 29# ✓  
LENGTH: 6378' ✓  
HOLE SIZE: 8-3/4" ✓  
CEMENT DATA: 300 sxs. Class "G" & 430 sxs. 50/50 POZ.  
CEMENT TOP: 2270' per CBL ✓

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 175 jts (5539.73')  
TUBING ANCHOR: 5553'  
NO. OF JOINTS: 1 ji (31.69')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5587'  
NO. OF JOINTS: 1 jts (31.66')  
TOTAL STRING LENGTH: EOT @ 5620.08'

No CBL available  
that goes over full  
extent of well.

(only one goes  
from 2200' -  
2700')

⇒ Require  
another CBL or  
demonstration Part II  
(RTS)

⇒ All tops here from what  
Newfield submitted.

## FRAC JOB

5070'-5090'

Frac with:

47,500# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 4000  
psi., ISIP 2050 psi.

4668'-4684'

Frac with:

30,000# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 17 bpm @ 3100  
psi., ISIP 2200 psi.

4128'-4144'

Frac with:

18,000# 20/40 and 10,500# 10/20 sand  
in 357 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 3100  
psi., ISIP 2300 psi.

4148'-4170'

Left untreated. It is possible that the 3rd  
frac stage communicated into this zone.

2/12/03

Pump Change. Update rod details.

10/2/07

Parted rods. Updated rod & tubing details

2800' Top Trona  
2855' Mahogany Bench Top  
(Est bottom @ 2875')  
3431' Top Confining Zone ESTIMATED  
3611' Top Garden Gulch

## PERFORATION RECORD

5070'-5090'	2 SPF	40 holes
4668'-4684'	2 SPF	32 holes
4128'-4144'	2 SPF	32 holes
4148'-4160'	4 SPF	24 holes
4168'-4170'	4 SPF	68 holes

Packer @ 4093'

4128'-4144' ✓

4148'-4160' ✓

4168'-4170' ✓

4586' - Top Douglas Creek

4668'-4684' ✓

5070'-5090' ✓

5852' Top Basal Carbonate

5972' Top Wasatch

Top of Fill @ 6272' ✓

PBTD @ 6344' ✓

TD @ 6400' ✓

## NEWFIELD

Federal #32-8H-9-17

1980' FNL & 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co. Utah

API #43-013-30542; Lease #UTU-10760

CT 42308

## Federal #32-8H-9-17

Spud Date: 1/31/80  
 Put on Production: 5/13/80  
 GL: 5300' KB: 5315'

Initial Production: ? BOPD.  
 ? MCFD. ? BWPD

Proposed P & A  
Wellbore Diagram

## SURFACE CASING

CSG SIZE: 10-3/4"

GRADE: K-55

WEIGHT: 40.5#

LENGTH: 295'

HOLE SIZE: 13-3/4"

CEMENT DATA: 300 sxs Class "G" cmt. (to surface)

Plug 4: 0' to 345'  
 Plug 3: 100' plug from  
 1350' to 1470'

## PRODUCTION CASING

CSG SIZE: 7"

GRADE: N-80

WEIGHT: 29#

LENGTH: 6378'

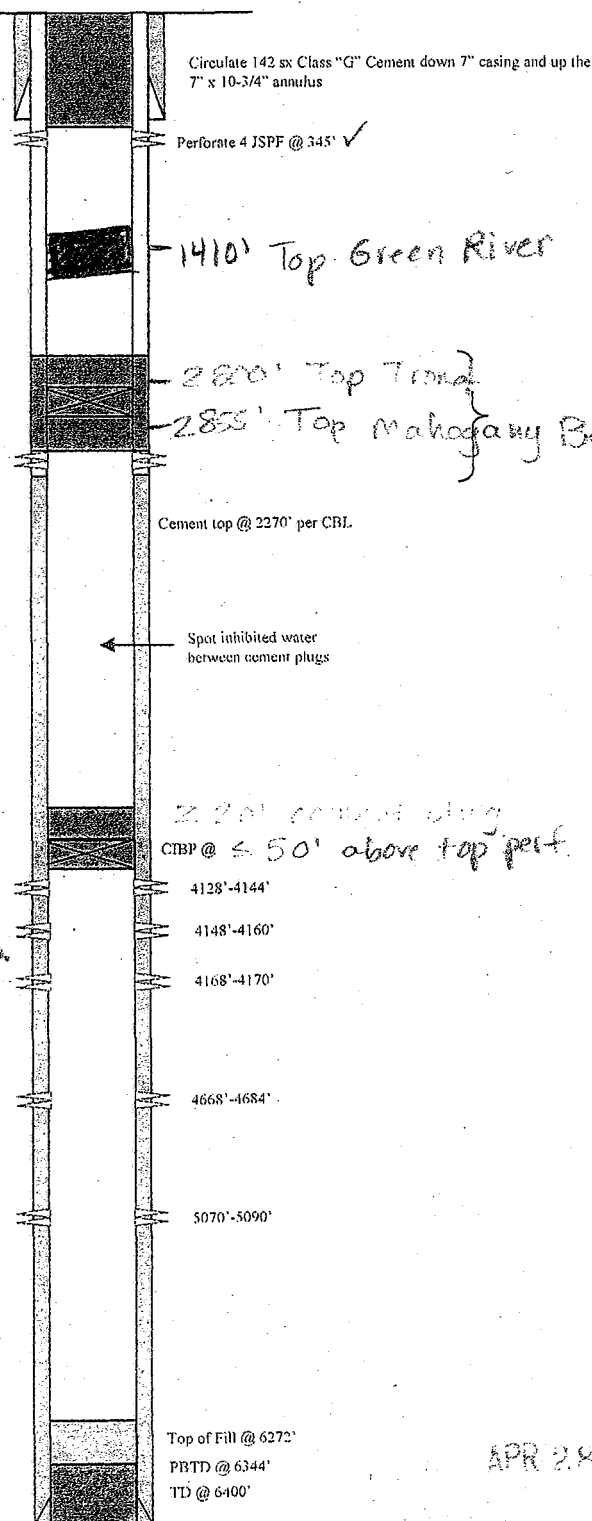
HOLE SIZE: 8-3/4"

CEMENT DATA: 300 sxs. Class "G" &amp; 430 sxs. 50/50 POZ.

CEMENT TOP: 2270' per CBL

Plug 2: 2750' to  
 2925'  
 (175' plug)

Plug 1: CIBP no more  
 than 50' above top  
 perf w/ 20' or  
 more of cement on top.



NEWFIELD

Federal #32-8H-9-17

1980' FNL &amp; 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co. Utah

API #43-013-30542; Lease #UTU-10760

APR 28 2008

CT 4/23/08

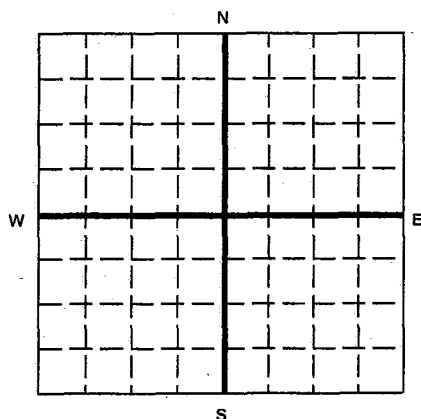



 United States Environmental Protection Agency  
 Washington, DC 20460

**WELL REWORK RECORD**

Name and Address of Permittee

Name and Address of Contractor

 Locate Well and Outline Unit on  
 Section Plat - 640 Acres


State

County

Permit Number

Surface Location Description

 1/4 of  1/4 of  1/4 of  1/4 of Section  Township  Range 

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface

Location  ft. from (N/S)  Line of quarter sectionand  ft. from (E/W)  Line of quarter section.

WELL ACTIVITY

- ☐ Brine Disposal  
☐ Enhanced Recovery  
☐ Hydrocarbon Storage

Lease Name

Total Depth Before Rework

Total Depth After Rework

Date Rework Commenced

Date Rework Completed

TYPE OF PERMIT

☐ Individual☐ AreaNumber of Wells Well Number 
**WELL CASING RECORD -- BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

**WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

 DESCRIBE REWORK OPERATIONS IN DETAIL  
 USE ADDITIONAL SHEETS IF NECESSARY

WIRE LINE LOGS, LIST EACH TYPE

Log Types

Logged Intervals

**Certification**

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

Name and Official Title (Please type or print)

Signature

Date Signed

# Federal #32-8H-9-17

Spud Date: 1/31/80  
Put on Production: 5/13/80  
GL: 5300' KB: 5315' ✓

Proposed Injection  
Wellbore Diagram

Initial Production: ? BOPD.  
? MCFD, ? BWPD

## SURFACE CASING

CSG SIZE: 10-3/4" ✓  
GRADE: K-55  
WEIGHT: 40.5# ✓  
LENGTH: 295' ✓  
HOLE SIZE: 13-3/4" ✓  
CEMENT DATA: 300 sxs Class "G" cmt. (to surface) ✓

TOC EPA calc = 1669'

## PRODUCTION CASING

CSG SIZE: 7" ✓  
GRADE: N-80  
WEIGHT: 29# ✓  
LENGTH: 6378' ✓  
HOLE SIZE: 8-3/4" ✓  
CEMENT DATA: 300 sxs. Class "G" & 430 sxs. 50/50 POZ.  
CEMENT TOP: 2270' per CBL ✓

## TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 175 jts (5539.73')  
TUBING ANCHOR: 5553'  
NO. OF JOINTS: 1 j (31.69')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5587'  
NO. OF JOINTS: 1 jts (31.66')  
TOTAL STRING LENGTH: EOT @ 5620.08'

No CBL available  
that goes over full  
extent of well.  
(only one goes  
from 2200' -  
2700')

⇒ Require  
another CBL or  
demonstration Part II  
(RTS)

⇒ All tops here from what  
Newfield submitted.

## FRAC JOB

5070'-5090'

Frac with:

47,500# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 4000  
psi., ISIP 2050 psi.

4668'-4684'

Frac with:

30,000# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 17 bpm @ 3100  
psi., ISIP 2200 psi.

4128'-4144'

Frac with:

18,000# 20/40 and 10,500# 10/20 sand  
in 357 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 3100  
psi., ISIP 2300 psi.

4148'-4170'

Left untreated. It is possible that the 3rd  
frac stage communicated into this zone.

2/12/03

Pump Change. Update rod details.

10/2/07

Parted rods. Updated rod & tubing details

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Packer @ 4093'

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4168'-4170' ✓

4586' - Top Douglas Creek

4668'-4684' ✓

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TD @ 6400' ✓

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Federal #32-8H-9-17

1980' FNL & 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co. Utah

API #43-013-30542; Lease #UTU-10760

CT 42308

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 GL: 5300' KB: 5315'

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Proposed P & A  
Wellbore Diagram

## SURFACE CASING

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HOLE SIZE: 13-3/4"

CEMENT DATA: 300 sxs Class "G" cmt. (to surface)

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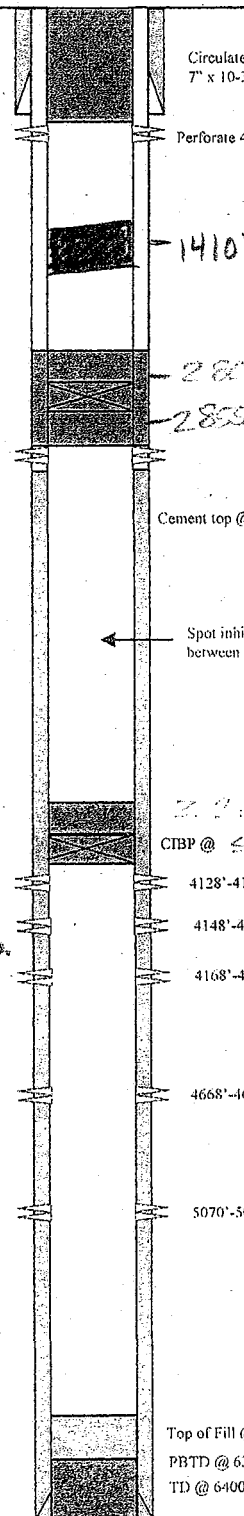
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CEMENT TOP: 2270' per CBL

Plug 2: 2750' to  
 2925'  
 (175' plug)

Plug 1: CIBP no more  
 than 50' above top  
 perf w/ 20' or  
 more of cement on top.



Circulate 142 sx Class "G" Cement down 7" casing and up the  
 7" x 10-3/4" annulus

Perforate 4 JSPF @ 345' ✓

1410' Top Green River

2800' Top Tima

2855' Top Mahogany Bench (to 2875')

Cement top @ 2270' per CBL

Spot inhibited water  
 between cement plugs

3.20' cement plug  
 CIBP @ ≤ 50' above top perf.

4128'-4144'

4148'-4160'

4168'-4170'

4668'-4684'

5070'-5090'

Top of Fill @ 6272'

PBTD @ 6344'

TD @ 6400'

NEWFIELD

Federal #32-8H-9-17

1980' FNI, &amp; 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co, Utah

API #43-013-30542; Lease #UTU-10760

APR 28 2008

CT 4/23/08

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> FEDERAL 32-8H
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013305420000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/6/2012	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  The subject well has been converted from a producing oil well to an injection well on 04/04/2012. On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/06/2012 the casing was pressured up to 1280 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20771-09372		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> April 18, 2012		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 4/9/2012	

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency  
Underground Injection Control Program  
999 18<sup>th</sup> Street, Suite 500 Denver, CO 80202-2466

EPA Witness: NONE Date: 4 / 6 / 2012  
Test conducted by: Scott Sims / NEWFIELD  
Others present: N/A

Well Name: <u>FEDERAL 32-84-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>MONUMENT BUTTE</u>		
Location: <u>32-84-9-17</u> Sec: <u>8</u> <u>T</u> <u>9</u> N / <u>S</u> R <u>17</u> <u>E</u> / W	County: <u>DUCHESNE</u>	State: <u>UT</u>
Operator: <u>NEWFIELD / Scott Sims</u>		
Last MIT: <u>  </u> / <u>  </u> / <u>  </u>	Maximum Allowable Pressure: <u>  </u>	PSIG

Is this a regularly scheduled test? ☐ Yes ☒ No  
Initial test for permit? ☒ Yes ☐ No  
Test after well rework? ☐ Yes ☒ No  
Well injecting during test? ☐ Yes ☒ No If Yes, rate:    bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING</b>	<b>PRESSURE</b>		
Initial Pressure	<u>200</u> psig	psig	psig
End of test pressure	<u>200</u> psig	psig	psig
<b>CASING / TUBING</b>	<b>ANNULUS PRESSURE</b>		
0 minutes	<u>1280</u> psig	psig	psig
5 minutes	<u>1280</u> psig	psig	psig
10 minutes	<u>1280</u> psig	psig	psig
15 minutes	<u>1280</u> psig	psig	psig
20 minutes	<u>1280</u> psig	psig	psig
25 minutes	<u>1280</u> psig	psig	psig
30 minutes	<u>1280</u> psig	psig	psig
<u>  </u> minutes	psig	psig	psig
<u>  </u> minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? ☐ Yes ☐ No

## MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: \_\_\_\_\_



CHART NO. MP-2500-24HR

METER \_\_\_\_\_ DISC NO. \_\_\_\_\_

CHART PUT NO. \_\_\_\_\_

TIME 2:00 P.M.

DATE 4-6-12

LOCATION FEDERAL 32-41-9-17

REMARKS \_\_\_\_\_



## Daily Activity Report

Format For Sundry

**FEDERAL 32-8H-9-17**

**1/1/2012 To 5/30/2012**

**4/3/2012 Day: 1**

**Conversion**

NC #1 on 4/3/2012 - MIRU,H/O Csg,U/S pmp,Flush Tbg,Seat pmp,P/Tst Tbg To3,500 Psi,Unseat pmp,Strt L/D Rod Production String,C/SDFN. - 12:30PM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOO. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 12:30PM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOO. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 12:30PM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOO. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV,Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV,Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV,Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 12:30PM MIRU NC#1, BMW H/Oiler

pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOOH. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 12:30PM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOOH. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 12:30PM MIRU NC#1, BMW H/Oiler pmp 60 BW D/Csg, Unseat pmp, Flush Tbg W/-40 BW, Seat pmp, P/Test Tbg To 3500 Psi, Good Test. Unseat pmp, POOH W/-1 1/2X26' Polish Rod, 96-7/8 4 Per, 24-3/4 4 Per, 1- 3/4 Slick, Flushed Tbg W/-20 BW On TOOH. SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler pmp 20 BW Pad D/Tbg, Drop SV, Fill Tbg W/-20 BW, P/Test Tbg To 3.000 Psi, Held Good 1 Hr. R/U S/Line Ovrshot RIH & Fish SV. R/D R/Flr, N/D BOP, N/U W/-HD, pmp 70 Bbls Fresh Wtr W/-20 Gal Pkr Fluid D/Csg, N/D W/-HD, Set Pkr In 18,000 Tension, N/U W/-HD. Csg Standing Full, P/Test Csg To 1,500 Psi, Csg Unstabilized Loosing 1 Psi Per Min, SWI, 6:00PM C/SDFN, 6:00PM-6:30PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. - 5:30AM-6:00AM C/Trvl, 6:00AM OWU, BMW H/Oiler Flush Tbg W/-40 BW, POOH & L/D 74- 3/4 Slick, 26-3/4 4 Per, 6-1 1/2 Wt Bars & pmp. N/D W/-HD, N/U BOP, Rel T/A, POOH W/-130 Jts Tbg Breaking & Redoping Tool Jts W/-Liq O-Ring. L/D 49 Jts Tbg, 7" T/A, 2 Jts Tbg, S/N, 2 Jts Tbg, N/C, Flushed Tbg W/-20 BW, pmp 25 BW D/Csg Due To Oil. P/U & RIH W/-7" Arrow #1 Pkr, New S/N, 130 Jts Tbg, POOH L/D 2 Jts Tbg, EOP @ 4070', SWI, 6:30PM C/SDFN, 6:30PM-7:00PM C/Trvl. **Finalized**  
**Daily Cost:** \$0  
**Cumulative Cost:** \$4,550

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**4/4/2012 Day: 4**

**Conversion**

NC #1 on 4/4/2012 - Chek Csg Psi, 1540, Good Test, R/D Rig, Well Ready For MIT, ( Final Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1540 Psi, Watch Psi 1 Hr W/-0 Bleed Off, Good Test. Rack Out Eq, R/D Rig, Move Out @9:30AM. Well Ready For MIT. ( Final Report ). - 5:30AM-6:00AM C/Trvl, 6:00AM OWU W/-1540 Psi, Watch Psi 1 Hr W/-0 Bleed Off, Good Test. Rack Out Eq, R/D Rig, Move Out @9:30AM. Well Ready For MIT. ( Final Report ).  
**Daily Cost:** \$0  
**Cumulative Cost:** \$20,665

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**4/9/2012 Day: 5**

**Conversion**

Rigless on 4/9/2012 - Conduct initial MIT - On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/06/2012 the casing was pressured up to 1280 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an



EPA representative available to witness the test. EPA# UT20771-09372 - On 03/31/2012 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/06/2012 the casing was pressured up to 1280 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not an EPA representative available to witness the test. EPA# UT20771-09372 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$97,985

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**Pertinent Files:** [Go to File List](#)



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

**1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>**

**NOV 28 2011**

Ref: 8P-W-GW

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

**RECEIVED**

**DEC 05 2011**

**DIV. OF OIL, GAS & MINING**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, Colorado 80202

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

RE: Underground Injection Control (UIC)  
Additional Well to Pleasant Valley Area Permit  
EPA UIC Permit UT20771-09372  
Well: Federal 32-8H-9-17  
SW NE Sec. 8-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-30542

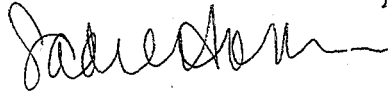
Dear Mr. Sundberg:

The U.S. Environmental Protection Agency Region 8 hereby authorizes Newfield Production Company to convert the oil well Federal 32-8H-9-17 to an enhanced recovery injection well according to the terms and conditions of the enclosed Authorization for Additional Well. The addition of this injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit UT20771-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin well injection until all Prior to Commencing Injection requirements are met and written authorization to inject is given by the Director. Prior to receiving authorization to inject, Newfield must submit for review and approval (1) the results of a Part I (internal) Mechanical Integrity test, (2) a pore pressure calculation of the injection interval and (3) a completed EPA Form 7520-12 (Well Rework Record) with a new schematic diagram.

If you have any questions, please call Bob Near at (303) 312-6278 or (800) 227-8917, extension 312-6278. Please submit the required data to Jason Deardorff at the letterhead address citing mail code 8P-W-GW.

Sincerely,



Stephen S. Tuber  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization for Additional Well  
Wellbore and P&A schematics for Federal 32-8H-9-17

cc Letter Only:

Uintah & Ouray Business Committee:  
Irene Cuch, Chairman  
Richard Jenks Jr., Councilman  
Frances Poowegup, Councilwoman  
Ronald Wopsock, Vice Chairman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

cc All Enclosures:

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

**RECEIVED**

**DEC 05 2011**

**DIV. OF OIL, GAS & MINING**

Reed Durfey  
District Manager  
Newfield Production Company  
Myton, Utah

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

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**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit No: UT20771-00000**

The Pleasant Valley Final UIC Area Permit No. UT20771-00000, effective November 6, 1995, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On March 19, 2008, the permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name:	<b>Federal 32-8H-9-17</b>
EPA Well ID Number:	<b>UT 20771-09372</b>
Location	1980' FNL & 1980' FEL SW NE Sec. 8 T9S-R17E Duchesne County, Utah. API #43-013-30542

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20771-00000 authorizes the permittee to construct and operate, convert, or plug and abandon additional enhanced recovery injection wells within the area permit. This well was determined to satisfy criteria required by the permit. This well is subject to all provisions of UIC Area Permit No. UT20771-00000, as modified and as specified in the Well Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: 11/28/11

  
**Stephen S. Tuber**

*for* \* Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

*\* The person holding this title is referred to as the Director throughout the permit and Authorization*

## **INJECTION WELL-SPECIFIC REQUIREMENTS**

Well Name: **Federal 32-8H-9-17**

EPA Well ID Number: **UT20771-09372**

### **Prior to commencing injection operations, the permittee shall submit the following information:**

1. a successful Part I (Internal) Mechanical Integrity test (MIT);
2. pore pressure calculation of the proposed injection zone;
3. completed Well Rework Record EPA Form No. 7520-12 and schematic diagram.

Once these records are received and approved by EPA, the Director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. A successful RTS will be considered valid at injection pressures up to the MAIP until one of the following events occurs, at which time a subsequent RTS is required.

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA
- b) If the MAIP of the injection well is exceeded for any reason (It is a violation to exceed the MAIP without prior EPA approval).
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive.
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well, that may affect the cement integrity of the well.
- e) If the Director requests that a RTS be run for any reason.

Once these records are received and approved by EPA, the Director will provide written authorization of inject.

Note: All depths given in this authorization reference the Kelly Bushing datum unless otherwise specified.

**Approved Injection Zone:** Injection is approved between the top of the Garden Gulch Member of the Green River Formation at a depth of 3,611 feet to the top of the Wasatch Formation, which is estimated to be at a depth of 5,972 feet.

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 1,690 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$

$$\text{FG} = 0.85 \text{ psi/foot} \quad \text{SG} = 1.015 \quad \text{D} = 4,128 \text{ feet (top perforation depth)}$$

$$\text{MAIP} = 1,690 \text{ psig}$$

$$\text{FG} = \text{Fracture Gradient} \quad \text{SG} = \text{Specific Gravity of Injectate (Maximum)}$$

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UIC Area Permit No. UT20771-00000 also provides the opportunity for the permittee to request a change of the MAIP based upon the submitted results of a step rate test that demonstrates the formation parting pressure

**Well Construction - Casing and Cementing:** The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). However cementing records, and the lack of an adequate cement bond log (CBL), have not satisfactorily demonstrated the presence of adequate cement to prevent the migration of injection fluids behind the casing from the injection zone. The existing cement bond log (CBL) only covers 2,200' to 2,700' and does not include the Confining Zone.

**Well Construction -Tubing and Packer:** 2-7/8" or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 ft. above the top perforation.

**Demonstration of Mechanical Integrity:**

- (1) A successful demonstration of part I (internal) mechanical integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement to prevent migration of injection fluids behind the casing from the injection zone, a RTS is required to confirm the presence of adequate cement. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested. If the RTS is not run, or if the RTS does not confirm adequate cement, the permittee shall demonstrate Part II (external) Mechanical Integrity pursuant to 40 CFR § 146.8(a)(2) using an approved test method such as temperature log, noise log or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

**Demonstration of Financial Responsibility:** The applicant has demonstrated financial responsibility by a Surety Bond in the amount of \$42,000 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between Underground Sources of Drinking Water (USDW). Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement

properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft. above the top perforation with a minimum of 20 ft. cement plug on top of the CIBP.

Plug 2: Perforate and squeeze cement up the backside of the 5-1/2" casing across the Trona and the Mahogany Bench from approximately 2,750 ft. to 2,925 ft. unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 175-foot balanced cement plug inside the 5-1/2" casing from approximately 2,750 ft. to 2,925 ft.

Plug 3: Perforate and squeeze cement up the backside of the 5-1/2" casing across the contact between the Uintah Formation and Green River Formation at 1,410 ft. from approximately 1,350 ft. to 1,470 ft., unless pre-existing backside cement precludes cement squeezing this interval. Set a minimum 120-foot cement plug inside the 5 1/2" casing from approximately 1,350 ft. to 1,470 ft.

Plug 4: Perforate and squeeze cement up the 5-1/2" x 8-5/8" casing annulus to the surface unless pre-existing cement precludes cementing this interval. Set a Class "G" cement plug within the 5-1/2" casing, from a depth of 345 ft. to the surface.

An EPA annotated diagram of the plugging and abandonment plan is attached.

### **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: **Federal 32-8H-9-17**  
EPA Well ID Number: **UT20771-09372**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found at approximately 200 feet below ground surface in the Federal 32-8H-9-17. Water samples from the Green River Formation taken in conjunction with oil production show that USDWs do occur at deeper depths within the Pleasant Valley unit and as deep as 6,026 ft. in the Balcron Monument Federal 33-25-8-17 well.



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**Water Resources in the Area of Review:** According to the Utah Division of Water Rights (<http://nrwrt1.nr.state.ut.us>), there are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

**Composition of Source, Formation, and Injectate Water:** The Total Dissolved Solids (TDS) Content of water produced from the Garden Gulch and Douglas Creek Members of the Green River Formation was determined to be 14,864 mg/l on February 15, 2008. Due to nearby injection activity for the purpose of enhanced oil recovery, this TDS value may not be representative of the original TDS content of formation water at or near the Federal 32-8H-9-17 well.

The TDS of the injectate was determined to be 13,556 mg/l on January 20, 2008. The injectate is water from the Jonah Facility Injection System blended with drinking quality water from the Johnson Water District supply line and/or water from the Green River supply line as well as Green River Formation water.

**Aquifer Exemption:** Is not required because the total dissolved solids (TDS) of the Green River Formation water is greater than 10,000 mg/l.

**Confining Zone:** The Confining Zone (504 ft.) is from the top of the Administrative Confining zone at 3,414 ft. to the base of the EPA-designated "B" shale at 3,914 ft.

**Injection Zone:** The Injection Zone at this well location is approximately 2,361 ft. of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,611 feet to the top of the Wasatch Formation which is estimated to be at 5,972 ft. All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** The CBL does not show 80% or greater cement bond index in the Confining Zone (3,414 ft. to 3,918 ft.) as the well was not logged through this interval.

**Surface Casing:** 10-3/4" casing is set at 295 ft. in a 13-3/4" hole, using 300 sacks Class G cement..

**Longstring Casing:** 7" casing is set at 6,400 ft. in a 8-3/4" hole secured with 300 sacks of Class G cement and 430 sacks of 50/50 POZ cement. Total drilled depth is 6,400 ft., and plugged back total depth is 6,344 ft. EPA calculates top of cement is 1,669 ft.

**Perforations:** Top Perforation 4,128 ft. Bottom Perforation 5,090 ft.

Additional information about this well may be found on the Utah state oil and gas website:  
<http://oilgas.ogm.utah.gov/>

**Basis for Initial MAIP Calculations:** The initial MAIP was calculated by EPA using the following input values for the fracture gradient and injectate specific gravity.

**Fracture Gradient:** A value of 0.85 psi/ft. was selected because EPA determined this to be the average fracture gradient of section 9 of Township 9, Range 17.

**Specific Gravity:** An injectate specific gravity of 1.015 was selected by EPA because this value is the maximum expected specific gravity of injectate for the Monument Butte Field.

### **AREA OF REVIEW (AOR) WELL REQUIREMENTS**

**Corrective Action for Wells in Area of Review (AOR):** The following five (5) wells, that penetrate the Confining Zone within or proximate to a 1/4 mile radius around the Federal 32-8H-9-17, were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDW:

Monument Federal 33-8-9-17	API: 43-013-31427	NW SE Sec. 8-T9S-R17E
Pleasant Valley Federal H-8-9-17	API: 43-013-33754	NE NW Sec. 8-T9S-R17E
Pleasant Valley Federal I-8-9-17	API: 43-013-33755	SW NE Sec. 8-T9S-R17E
Federal NGC 31-8H	API: 43-013-30679	NW NE Sec. 8-T9S-R17E
Federal 22-8H-9-17	AP:I 43-013-31457	SE NW Sec. 8-T9S-R-17E

### **No Corrective Action Required**

Well: Monument Federal 33-8-9-17      NW SE      Sec. 8-T9S-R17E  
The Monument Federal 33-8-9-17 is permitted by EPA for injection (Permit No. UT20798-04307, effective October 25, 1996). The CBL shows approximately 55% cement bond index through the confining zone. However, the Radioactive Tracer Survey for this well shows no sign of fluids moving behind the casing.  
TOC at 2,390 ft.

Well: Pleasant Valley Federal H-8-9-17      NE NW      Sec. 8-T9S-R17E  
Shows 30ft. of 80% cement bond index (per the CBL) in the Confining Zone (3,573 ft.-3,603 ft.).  
TOC at 66 ft.

Well: Pleasant Valley Federal I-8-9-17      SW NE      Sec. 8-T9S-R17E  
Shows 30 ft. of 80% cement bond index (per the CBL) in the Confining Zone (3,680 ft.-3,710ft.).  
TOC at 26 ft.

Well: Federal NGC 31-8H

NW NE

Sec. 8-T9S-R17E

The Federal NGC 31-8H is permitted by EPA for injection (Permit No. UT20771-04270, effective November 6, 1995). At the time of the permit effective date, this well was considered to meet the requirements for demonstration of Part II Mechanical Integrity. As noted in the Statement of Basis for the final Pleasant Valley Area Permit, the Federal NGC 31-8H is "cemented in such a manner as to preclude any migration of injected fluids up hole." The Federal NGC 31-8H well is cemented from the Top of Douglas Creek Member upward to several hundred feet above the overlying Green River and Uinta Formations. Corrective action is not required for this AOR well since Part II Mechanical Integrity was previously demonstrated and approved. The CBL shows a 70% to 80% cement bond through the entire Confining Zone. TOC at 3,230 ft.

Well: Federal 22-8H-9-17

SE NW

Sec. 8-T9S-R17E

The Federal 22-8H-9-17 is permitted by EPA for injection (Permit No. UT20771-04267, effective November 6, 1995). The CBL shows 30% cement bond index through the previously established areal Confining Zone, which includes the Garden Gulch Member of the Green River Formation and is found between the depths of 3,418 ft and 3,608 ft (KB) in the Federal 22-8H-9-17 well. Cement was also evaluated through two additional AOR-wide confining zones as follows:

Shale "A": 3,728 feet to 3,802 feet (KB) – cement inadequate according to CBL analysis

Shale "B": 3,834 feet to 3,914 feet (KB) – cement inadequate according to CBL analysis

No other logs or tests that demonstrate Part II MI are available for this well. Thus, the permit for the Federal 22-8H-9-17 (Permit No. UT20771-04267) will be modified to require testing for Part II MI. No corrective action is required for the Federal 22-8H-9-17 as part of this authorization as any mechanical integrity problems for this well will be addressed under Permit No. UT20771-04267. TOC at 908 ft.

### REPORTING REQUIREMENTS

#### Reporting of Noncompliance:

- (a) Anticipated Noncompliance. The operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a

description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:** The operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

**Oil Spill and Chemical Release Reporting:** The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the National Response Center (NRC) 1-800-424-8802 or 1-(202)-267-2675, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>.

**Other Noncompliance:** The operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

**Other Information:** Where the operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.

# Federal #32-8H-9-17

Spud Date: 1/31/80  
Put on Production: 5/13/80  
CH: 5300" KB: 5315" ✓

Proposed Injection  
Wellbore Diagram

Initial Production: ? BOPD.  
? MCFD. ? BWPD

## SURFACE CASING

CSG SIZE: 10-3/4" ✓  
GRADE: K-55  
WEIGHT: 40.5# ✓  
LENGTH: 295'  
HOLE SIZE: 13-3/4"  
CEMENT DATA: 100 sxs Class "G" cmt. (to surface) ✓

TOC EPA calc = 1669'

## PRODUCTION CASING

CSG SIZE: 7" ✓  
GRADE: N-80  
WEIGHT: 29# ✓  
LENGTH: 6378' ✓  
HOLE SIZE: 8-3/4" ✓  
CEMENT DATA: 300 sxs. Class "G" & 430 sxs. 50/50 POZ.  
CEMENT TOP: 2270' per CBL ✓

## TUBING

SIZE/GRADE/WT.: 2-7/8" J-55  
NO. OF JOINTS: 175 jts (5539.73')  
TUBING ANCHOR: 5553'  
NO. OF JOINTS: 1 ji (31.69')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5587'  
NO. OF JOINTS: 1 jts (31.66')  
TOTAL STRING LENGTH: 601' @ 5620.08'

No CBL available  
that goes over full  
extent of well.

(only one goes  
from 2200' -  
2700')

⇒ Requires  
another CBL or  
demonstration Part II  
(RTS)

⇒ All tops here from what  
Newfield submitted

## FRAC JOB

5070'-5090'

Frac with:

47,500# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 4000  
psi. ISIP 2050 psi.

4668'-4684'

Frac with:

30,000# 20/40 and 17,500# 10/20 sand  
in 595 bbls gelled diesel frac fluid.  
Average treating rate of 17 bpm @ 3200  
psi. ISIP 2200 psi.

4128'-4144'

Frac with:

18,000# 20/40 and 10,500# 10/20 sand  
in 357 bbls gelled diesel frac fluid.  
Average treating rate of 20 bpm @ 3100  
psi. ISIP 2300 psi.

4148'-4170'

Left untreated. It is possible that the 3rd  
frac stage communicated into this zone.

2/12/03

Pump Change. Update rod details.

10/2/07

Parted rods. Updated rod & tubing details

2800' Top Trona  
2855' Mahogany Bench Top  
(est bottom @ 2875')  
3431' Top Confining Zone ESTIMATED  
3611' Top Garden Gulch

## PERFORATION RECORD

5070'-5090'	2 SPF	40 holes
4668'-4684'	2 SPF	32 holes
4128'-4144'	2 SPF	32 holes
4148'-4160'	4 SPF	24 holes
4168'-4170'	4 SPF	08 holes

Packer @ 4093'

4128'-4144'

4148'-4160'

4168'-4170'

4586' - Top Douglas Creek

4668'-4684' ✓

5070'-5090' ✓

APR 28 2008  
5852' Top Basal Carbonate  
5972' Top Wasatch

Top of Fill @ 6272'

PBTD @ 6344' ✓

TD @ 6400' ✓

## NEWFIELD

Federal #32-8H-9-17

1980' FNL & 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co, Utah

API #43-013-30542, Lease #UTU-10760

RECEIVED

DEC 05 2011

DIV. OF OIL, GAS & MINING

# Federal #32-8H-9-17

Spud Date: 1/31/80  
Put on Production: 5/13/80  
GL: 5300' KB: 5315'

Initial Production: ? BOPD.  
? MCFD. ? BWPD

## Proposed P & A Wellbore Diagram

### SURFACE CASING

CSG SIZE: 10-3/4"  
GRADE: K-55  
WEIGHT: 40.5#  
LENGTH: 295'  
HOLE SIZE: 13-3/4"  
CEMENT DATA: 300 sxs Class "G" cmt. (to surface)

Plug 4: 0' to 345'

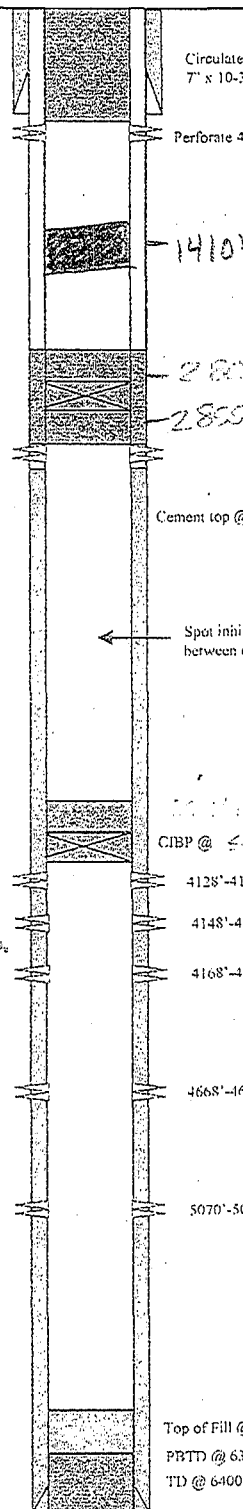
Plug 3: 100' plug from  
1350' to 1470'

### PRODUCTION CASING

CSG SIZE: 7"  
GRADE: N-80  
WEIGHT: 29#  
LENGTH: 6378'  
HOLE SIZE: 8-3/4"  
CEMENT DATA: 300 sxs. Class "G" & 430 sxs. 5 X50 POZ.  
CEMENT TOP: 2270' per CBL

Plug 2: 2750' to  
2925'  
(175' plug)

Plug 1: CIBP no more  
than 50' above top  
perfor w/ 20' or  
more of cement on top.



Circulate 142 sxs Class "G" Cement down 7" casing and up the 7" x 10-3/4" annulus

Casing Shoe @ 295'

Perforate 4 JSPF @ 345' ✓

1410' Top Green River

2800' Top 7" Prod.

2855' Top Mahogany Bench (to 2875')

Cement top @ 2270' per CBL

Spot inhibited water  
between cement plugs

CIBP @ ≤ 50' above top perf

4128'-4144'

4148'-4160'

4168'-4170'

4668'-4684'

5070'-5090'

Top of Fill @ 6272'

PRTD @ 6344'

TD @ 6400'

APR 28 2008

NEWFIELD

Federal #32-8H-9-17

1980' FNL. & 1980' FEL

SW/NE Section 8-T9S-R17E

Duchesne Co, Utah

API #43-013-30542; Lease #UTU-10760



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

MAY 02 2012

Ref: 8P-W-UIC

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

RECEIVED

MAY 09 2012

DIV. OF OIL, GAS & MINING

Mr. Reed Durfey  
District Manager  
Newfield Production Company  
Route 3 – Box 3630  
Myton, Utah 84052

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

RE: Underground Injection Control (UIC)  
Limited Authorization to Inject  
EPA UIC Permit UT20771-09372  
Well: Federal 32-8H-9-17  
SWNE Sec. 8-T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-30542

Dear Mr. Durfey:


The U.S. Environmental Protection Agency Region 8 has received Newfield Production Company's (Newfield) April 9, 2012, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram and calculated pore pressure were reviewed and approved by the EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20771-09372.

As of the date of this letter, Newfield is authorized to commence injection into the Federal 32-8H-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,690 psig for a limited period of 180 days during which time a Radioactive Tracer Survey (RTS) is required according to UIC Permit UT20771-09372. If Newfield seeks a higher MAIP than 1,690 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20771-09372.

If you have questions regarding the above action, please call Emmett Schmitz (303) 312-6174 or (800) 227-8917, extension 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



Callie Videtich  
Acting Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

Irene Cuch, Chairman  
Richard Jenks Jr., Councilman  
Frances Poowegup, Councilwoman  
Ronald Wopsock, Vice-Chairman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

Manual Myore  
Director of Energy & Minerals Dept.  
Ute Indian Tribe

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company

RECEIVED  
JAN 10 2010  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SALT LAKE CITY, UT 84143



**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-10760
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: FEDERAL 32-8H
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1980 FNL 1980 FEL		9. API NUMBER: 4301330542
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 8, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 05/08/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above reference well was put on injection at 1:50 PM on 05/08/2012.

EPA # UT20771-09372

Accepted by the  
Utah Division of  
Oil, Gas and Mining

FOR RECORD ONLY

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Water Services Technician</u>
SIGNATURE 	DATE <u>05/08/2012</u>

(This space for State use only)

**RECEIVED**  
**MAY 10 2012**  
DIV. OF OIL, GAS & MINING

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-10760
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> FEDERAL 32-8H
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013305420000
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 08 Township: 09.0S Range: 17.0E Meridian: S		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input type="text" value="Step Rate Test"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/12/2012			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on October 12, 2012. Results from the test indicate that the fracture gradient is 0.903 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed from 1690 psi to 1910 psi. EPA: UT20771-09372

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 October 29, 2012

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A		<b>DATE</b> 10/24/2012

**Step Rate Test (SRT) Analysis**Date: 10/15/2012

Operator:

Newfield Production Company

Well:

Federal 32-8H-9-17

Permit #:

UT20771-09372***Enter the following data :***

Specific Gravity (sg) of injectate = 1.015 g/cc  
 Depth to top perforation (D) = 4128 feet 4128  
 Top of permitted injection zone depth (blank=use top perforation to calculate fg) = \_\_\_\_\_ feet  
 Estimated Formation Parting Pressure (Pfp) from SRT chart = 1920 psi 1920  
 Instantaneous Shut In Pressure (ISIP) from SRT = 1913 psi 1920  
 Bottom Hole Parting Pressure (Pbhp) from downhole pressure recorder = \_\_\_\_\_ psi no downhole

**Part One - Calculation of Fracture Gradient (fg)**Calculated Fracture Gradient = 0.903 psi/ft.where:  $fg = Pbhp / D$  (Note: this formula uses the downhole recorded bottom hole parting pressure if available) = 1913

D = depth used = 4128

Pbhp used = 3727

Calculated Bottom Hole Parting Pressure (Pbhp) = 3727 psi 3727.235

to calculate Bottom Hole Parting Pressure (Pbhp) = Formation Fracture Pressure (ISIP or Pfp) + (0.433 \* SG \* D)

(Uses lesser of ISIP or Pfp) Value used = 1913

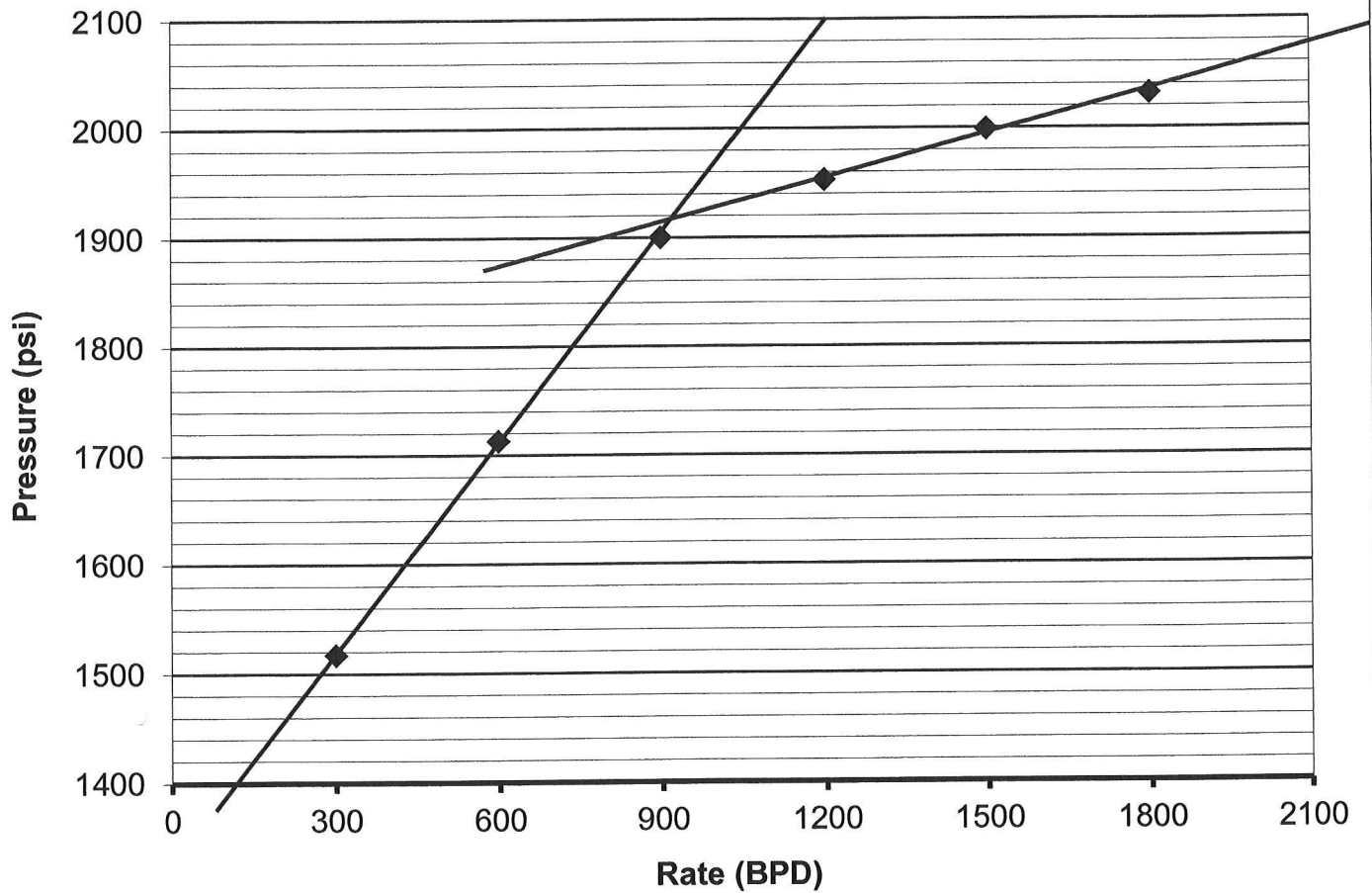
**Part Two - Calculation of Maximum Allowable Injection Pressure (MAIP)**Maximum Allowable Injection Pressure (MAIP) = 1910 psig

D = depth used = 4128

MAIP =  $[fg - (0.433 * SG)] * D = 1913.349$ 

(rounded down to nearest 5 psig)

**Federal 32-8H-9-17  
Greater Monument Butte Unit  
Step Rate Test  
October 12, 2012**



**Start Pressure:** 1360 psi  
**Instantaneous Shut In Pressure (ISIP):** 1913 psi  
**Top Perforation:** 4128 feet  
**Fracture pressure (Pfp):** 1920 psi  
**FG:** 0.905 psi/ft

Step	Rate(bpd)	Pressure(psi)
1	300	1517
2	600	1713
3	900	1900
4	1200	1953
5	1500	1999
6	1800	2032

**Federal 32-8H-9-17 Rate Sheet (10-12-12)**

<b>Step # 1</b>	Time:	5:05	5:10	5:15	5:20	5:25	5:30
	Rate:	300.4	300.4	300.4	300.3	300.3	300.3
	Time:	5:35	5:40	5:45	5:50	5:55	6:00
	Rate:	300.3	300.2	300.2	300.2	300.2	300.1
<b>Step # 2</b>	Time:	6:05	6:10	6:15	6:20	6:25	6:30
	Rate:	600.3	600.3	600.2	600.2	600.2	600.2
	Time:	6:35	6:40	6:45	6:50	6:55	7:00
	Rate:	600.1	600.1	600.1	600.1	600	600
<b>Step # 3</b>	Time:	7:05	7:10	7:15	7:20	7:25	7:30
	Rate:	900.7	900.7	900.7	900.7	900.7	900.5
	Time:	7:35	7:40	7:45	7:50	7:55	8:00
	Rate:	900.5	900.5	900.4	900.4	900.4	900.4
<b>Step # 4</b>	Time:	8:05	8:10	8:15	8:20	8:25	8:30
	Rate:	1200.5	1200.5	1200.4	1200.4	1200.3	1200.3
	Time:	8:35	8:40	8:45	8:50	8:55	9:00
	Rate:	1200.3	1200.3	1200.2	1200.2	1200.1	1200.1
<b>Step # 5</b>	Time:	9:05	9:10	9:15	9:20	9:25	9:30
	Rate:	1500.6	1500.6	1500.6	1500.6	1500.5	1500.5
	Time:	9:35	9:40	9:45	9:50	9:55	10:00
	Rate:	1500.4	1500.4	1500.4	1500.3	1500.3	1500.3
<b>Step # 6</b>	Time:	10:05	10:10	10:15	10:20	10:25	10:30
	Rate:	1800.4	1800.4	1800.3	1800.3	1800.3	1800.3
	Time:	10:35	10:40	10:45	10:50	10:55	11:00
	Rate:	1800.2	1800.2	1800.1	1800.1	1800.1	1800

**Data Table Report**

Report Name: PrTemp1000 Data Table  
 Report Date: 10/15/2012 12:02:04  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\  
 Federal 32-8H-9-17 SRT (10-12-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Oct 12, 2012 04:30:01 AM MDT  
 Data End Date: Oct 12, 2012 11:00:01 AM MDT  
 Reading: 1 to 79 of 79  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Federal 32-8H-9-17 SRT (10-12-2012)**

Unit Type (All Units)

Reading      DateTime (MDT)      Channel 2  
    PSIA

1	Oct 12, 2012 04:30:01 AM	1363.8
2	Oct 12, 2012 04:35:00 AM	1363.6
3	Oct 12, 2012 04:40:01 AM	1362.6
4	Oct 12, 2012 04:45:00 AM	1361.8
5	Oct 12, 2012 04:50:01 AM	1361.6
6	Oct 12, 2012 04:55:00 AM	1360.6
7	Oct 12, 2012 05:00:01 AM	1360.4
8	Oct 12, 2012 05:05:01 AM	1404.4
9	Oct 12, 2012 05:10:01 AM	1430
10	Oct 12, 2012 05:15:01 AM	1445.4
11	Oct 12, 2012 05:20:00 AM	1456.2
12	Oct 12, 2012 05:25:01 AM	1467.2
13	Oct 12, 2012 05:30:00 AM	1475.4
14	Oct 12, 2012 05:35:01 AM	1484.2
15	Oct 12, 2012 05:40:00 AM	1492
16	Oct 12, 2012 05:45:01 AM	1498.2
17	Oct 12, 2012 05:50:01 AM	1504.8
18	Oct 12, 2012 05:55:01 AM	1511.4
19	Oct 12, 2012 06:00:01 AM	1516.8
20	Oct 12, 2012 06:05:00 AM	1569.6
21	Oct 12, 2012 06:10:01 AM	1595.8
22	Oct 12, 2012 06:15:00 AM	1613.8
23	Oct 12, 2012 06:20:01 AM	1628.2
24	Oct 12, 2012 06:25:00 AM	1642.4
25	Oct 12, 2012 06:30:01 AM	1653.4
26	Oct 12, 2012 06:35:01 AM	1657.8
27	Oct 12, 2012 06:40:01 AM	1672.6
28	Oct 12, 2012 06:45:01 AM	1685.8
29	Oct 12, 2012 06:50:00 AM	1691.8
30	Oct 12, 2012 06:55:01 AM	1702.2
31	Oct 12, 2012 07:00:00 AM	1712.6
32	Oct 12, 2012 07:05:01 AM	1769
33	Oct 12, 2012 07:10:00 AM	1781.8
34	Oct 12, 2012 07:15:01 AM	1805.2
35	Oct 12, 2012 07:20:01 AM	1824.6
36	Oct 12, 2012 07:25:01 AM	1827.8
37	Oct 12, 2012 07:30:01 AM	1844.2
38	Oct 12, 2012 07:35:00 AM	1853.8



**Federal 32-8H-9-17 SRT (10-12-2012)**

Unit Type Reading	(All Units) DateTime (MDT)	Channel 2 PSIA
39	Oct 12, 2012 07:40:01 AM	1860
40	Oct 12, 2012 07:45:00 AM	1867.8
41	Oct 12, 2012 07:50:01 AM	1880.6
42	Oct 12, 2012 07:55:00 AM	1891.2
43	Oct 12, 2012 08:00:01 AM	1899.6
44	Oct 12, 2012 08:05:01 AM	1919.6
45	Oct 12, 2012 08:10:01 AM	1943.2
46	Oct 12, 2012 08:15:01 AM	1935.6
47	Oct 12, 2012 08:20:00 AM	1951.2
48	Oct 12, 2012 08:25:01 AM	1955.2
49	Oct 12, 2012 08:30:00 AM	1945.6
50	Oct 12, 2012 08:35:01 AM	1947.8
51	Oct 12, 2012 08:40:00 AM	1946.2
52	Oct 12, 2012 08:45:01 AM	1948.6
53	Oct 12, 2012 08:50:01 AM	1953.6
54	Oct 12, 2012 08:55:01 AM	1956.4
55	Oct 12, 2012 09:00:01 AM	1952.6
56	Oct 12, 2012 09:05:00 AM	1983.8
57	Oct 12, 2012 09:10:01 AM	1978.4
58	Oct 12, 2012 09:15:00 AM	1993.8
59	Oct 12, 2012 09:20:01 AM	1982.8
60	Oct 12, 2012 09:25:00 AM	1991.4
61	Oct 12, 2012 09:30:01 AM	1985
62	Oct 12, 2012 09:35:01 AM	2000
63	Oct 12, 2012 09:40:01 AM	1990
64	Oct 12, 2012 09:45:01 AM	1995.2
65	Oct 12, 2012 09:50:00 AM	1996
66	Oct 12, 2012 09:55:01 AM	2008.2
67	Oct 12, 2012 10:00:00 AM	1999
68	Oct 12, 2012 10:05:01 AM	2010.8
69	Oct 12, 2012 10:10:00 AM	2011
70	Oct 12, 2012 10:15:01 AM	2023.2
71	Oct 12, 2012 10:20:01 AM	2013.8
72	Oct 12, 2012 10:25:01 AM	2024.8
73	Oct 12, 2012 10:30:01 AM	2028.4
74	Oct 12, 2012 10:35:00 AM	2029
75	Oct 12, 2012 10:40:01 AM	2023
76	Oct 12, 2012 10:45:00 AM	2033.6
77	Oct 12, 2012 10:50:01 AM	2035.2
78	Oct 12, 2012 10:55:00 AM	2038.2
79	Oct 12, 2012 11:00:01 AM	2031.6

End of Report

**Data Table Report**

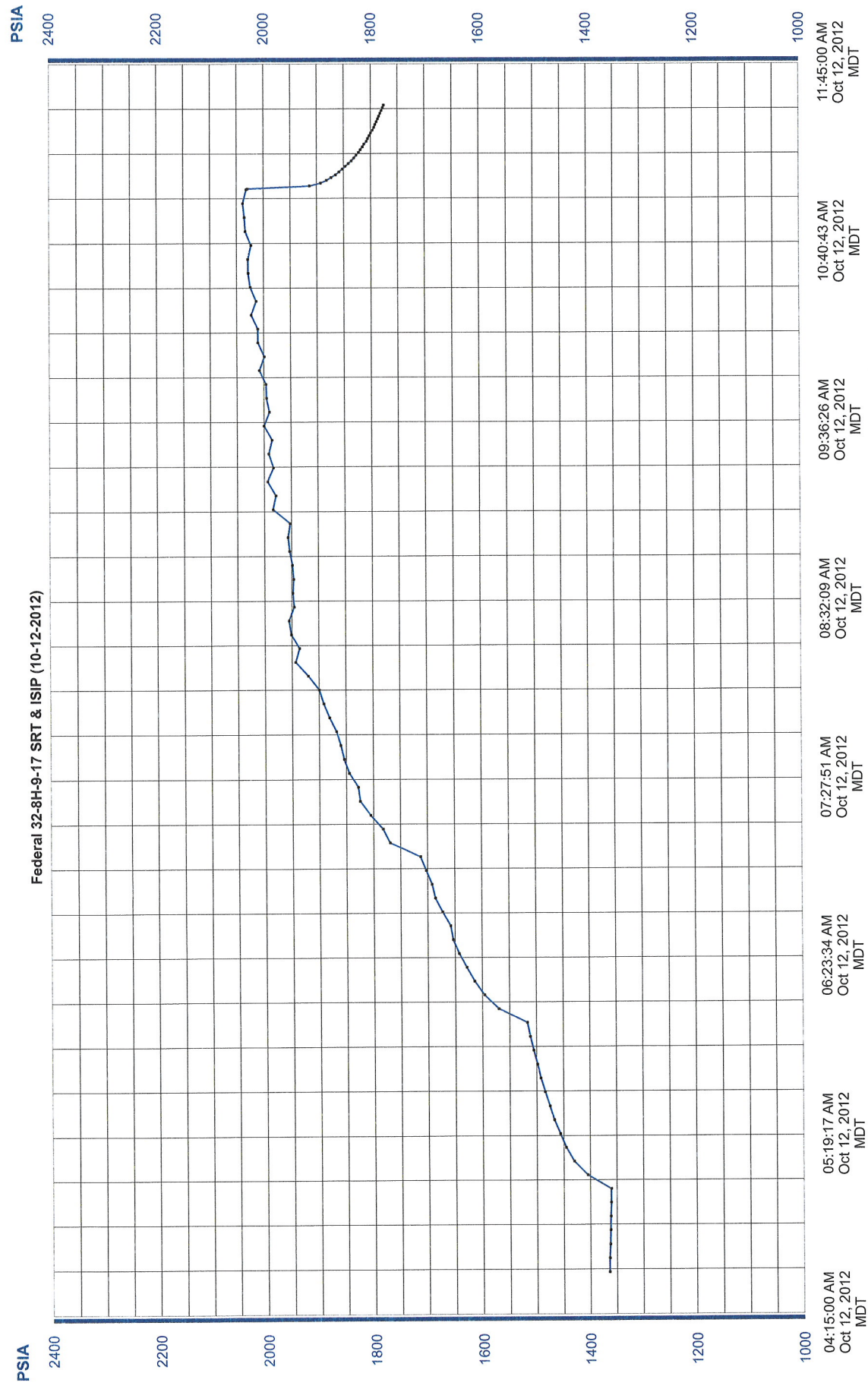
Report Name: PrTemp1000 Data Table  
 Report Date: 10/15/2012 12:02:15  
 File Name: C:\Program Files\PTC® Instruments 2.03.12\  
 Federal 32-8H-9-17 ISIP (10-12-2012).csv  
 Device: PrTemp1000 - Temperature and Pressure Recorder  
 Hardware Revision: REV2C (64K)  
 Serial Number: N87695  
 Device ID: PrTemp  
 Data Start Date: Oct 12, 2012 11:00:14 AM MDT  
 Data End Date: Oct 12, 2012 11:30:14 AM MDT  
 Reading: 1 to 31 of 31  
 Reading Rate: 30 Seconds  
 Last Calibration Date: Aug 28, 2012  
 Next Calibration Date: Aug 28, 2013  
 Next Calibration Date: Aug 28, 2013

**Federal 32-8H-9-17 ISIP (10-12-2012)**

Unit Type	(All Units)	
Reading	DateTime (MDT)	Channel 2 PSIA
1	Oct 12, 2012 11:00:14 AM	2029.6
2	Oct 12, 2012 11:01:14 AM	1912.8
3	Oct 12, 2012 11:02:13 AM	1892.4
4	Oct 12, 2012 11:03:14 AM	1881.4
5	Oct 12, 2012 11:04:14 AM	1872.8
6	Oct 12, 2012 11:05:13 AM	1864.8
7	Oct 12, 2012 11:06:14 AM	1858.2
8	Oct 12, 2012 11:07:14 AM	1852.2
9	Oct 12, 2012 11:08:14 AM	1846.8
10	Oct 12, 2012 11:09:14 AM	1841.2
11	Oct 12, 2012 11:10:14 AM	1835.6
12	Oct 12, 2012 11:11:14 AM	1831
13	Oct 12, 2012 11:12:14 AM	1826.6
14	Oct 12, 2012 11:13:14 AM	1822.2
15	Oct 12, 2012 11:14:14 AM	1819
16	Oct 12, 2012 11:15:13 AM	1815.2
17	Oct 12, 2012 11:16:14 AM	1812.4
18	Oct 12, 2012 11:17:14 AM	1807.8
19	Oct 12, 2012 11:18:13 AM	1805.4
20	Oct 12, 2012 11:19:14 AM	1802.6
21	Oct 12, 2012 11:20:14 AM	1799.8
22	Oct 12, 2012 11:21:13 AM	1796.6
23	Oct 12, 2012 11:22:14 AM	1793.8
24	Oct 12, 2012 11:23:14 AM	1791.4
25	Oct 12, 2012 11:24:14 AM	1789
26	Oct 12, 2012 11:25:14 AM	1786.6
27	Oct 12, 2012 11:26:14 AM	1784.4
28	Oct 12, 2012 11:27:14 AM	1782
29	Oct 12, 2012 11:28:14 AM	1779.8
30	Oct 12, 2012 11:29:14 AM	1777.4
31	Oct 12, 2012 11:30:14 AM	1775.4

End of Report





# Federal 32-8H-9-17

Spud Date: 1/31/80

Put on Production: 5/13/80

GL: 5300' KB: 5315'

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 10-3/4"

GRADE: K-55

WEIGHT: 40.5#

LENGTH: 295'

HOLE SIZE: 13-3/4"

CEMENT DATA: 300 sxs Class "G" cmt. (to surface)

### PRODUCTION CASING

CSG SIZE: 7"

GRADE: N-80

WEIGHT: 29#

LENGTH: 6378'

HOLE SIZE: 8-3/4"

CEMENT DATA: 300 sxs. Class "G" & 430 sxs. 50/50 POZ.

CEMENT TOP: 2270' per CBL

### TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 128 jts (4053.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4066.4'

CE @ 4071.18'

TOTAL STRING LENGTH: EOT @ 4075'

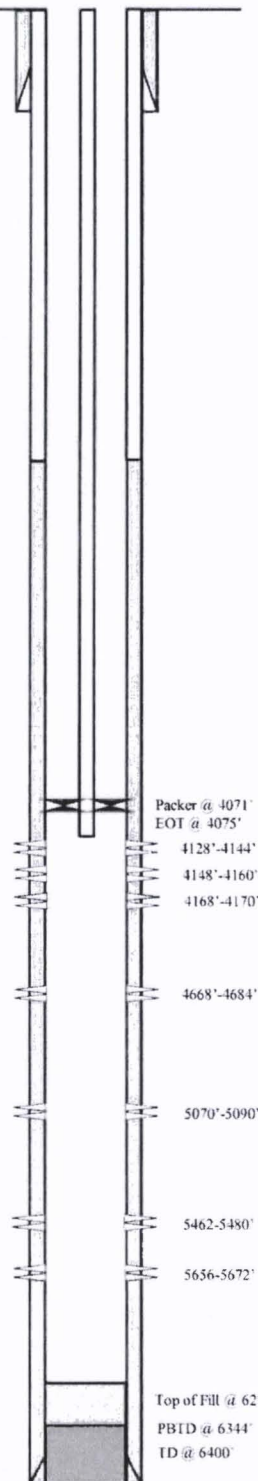
TOC @ 2270' per CBL

### FRAC JOB

5070'-5090'	<b>Frac with:</b> 47,500# 20/40 and 17,500# 10/20 sand in 595 bbls gelled diesel frac fluid. Average treating rate of 20 bpm @ 4000 psi., ISIP 2050 psi
4668'-4684'	<b>Frac with:</b> 30,000# 20/40 and 17,500# 10/20 sand in 595 bbls gelled diesel frac fluid. Average treating rate of 17 bpm @ 3200 psi., ISIP 2200 psi.
4128'-4144'	<b>Frac with:</b> 18,000# 20/40 and 10,500# 10/20 sand in 357 bbls gelled diesel frac fluid. Average treating rate of 20 bpm @ 3100 psi., ISIP 2300 psi.
4148'-4170'	Left untreated. It is possible that the 3rd frac stage communicated into this zone.
2/12/03	<b>Pump Change.</b> Update rod details.
10/2/07	<b>Parted rods.</b> Updated rod & tubing details.
10/3/08 5462-5480'	<b>Frac CP4 sds as follows:</b> 14,739# 20/40 sand in 213 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3803 psi @ ave rate of 13.2 BPM. ISIP 2106 psi. Actual flush: 1373 gals
10/3/08 5656-5672'	<b>Frac CP1 sds as follows:</b> 42,740# 20/40 sand in 406 bbls of Lightning 17 fluid. Treated w/ ave pressure of 3953 psi @ ave rate of 13.2 BPM. ISIP 1980 psi. Actual flush: 1331 gals
04/04/12	<b>Convert to Injection Well</b>
04/06/12	<b>Conversion MIT Finalized</b> - updated tbg detail

### PERFORATION RECORD

5070'-5090'	2 SPF	40 holes
4668'-4684'	2 SPF	32 holes
4128'-4144'	2 SPF	32 holes
4148'-4160'	4 SPF	24 holes
4168'-4170'	4 SPF	08 holes
5462-5480'	4 SPF	72 holes
5656-5672'	4 SPF	34 holes



**NEWFIELD**

**Federal 32-8H-9-17**

1980' FNL & 1980' FLL

SW NE Section 8-T9S-R17E

Duchesne Co, Utah

API #43-013-30542; Lease #UTU-10760

LCN 04-09-12